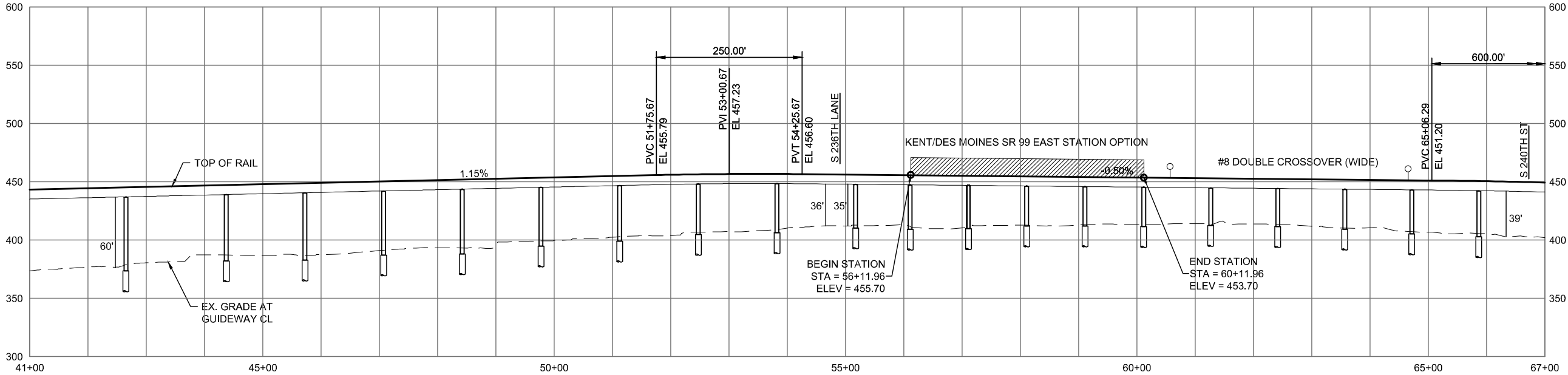
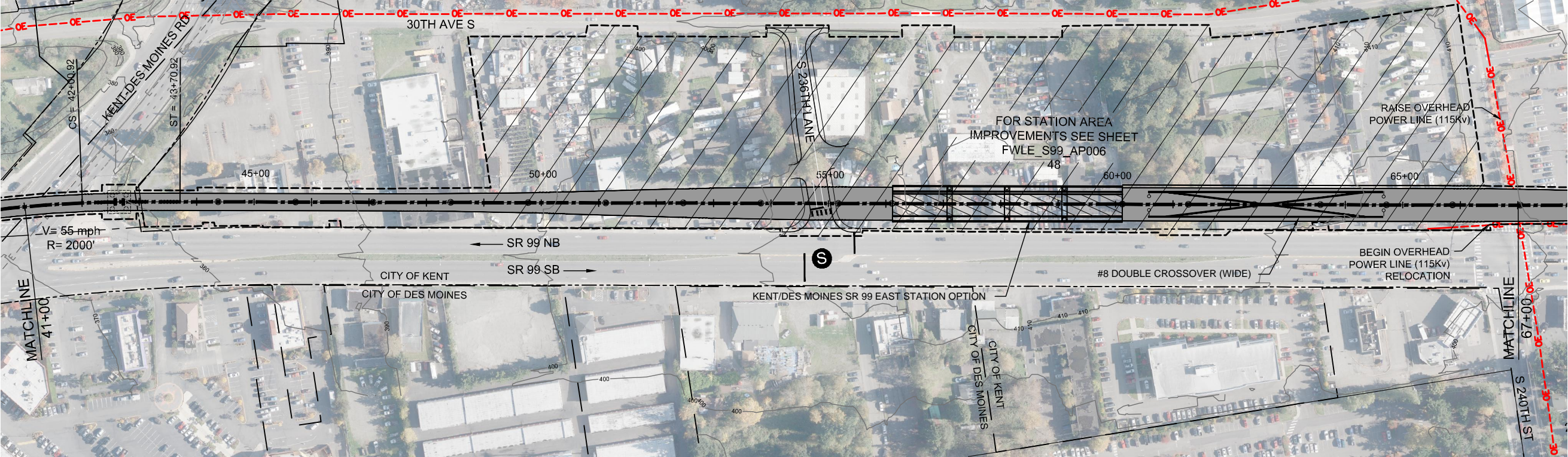


# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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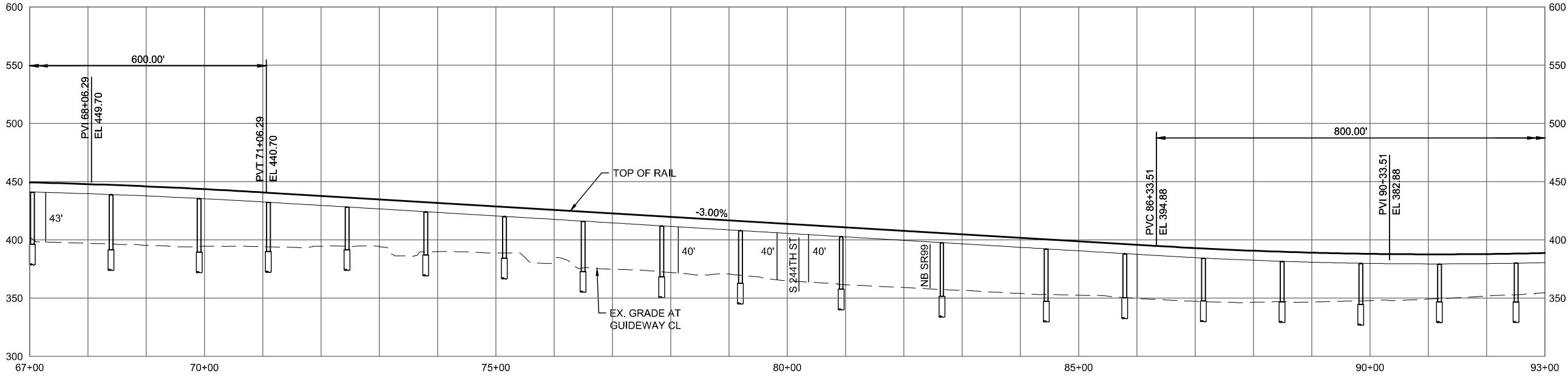
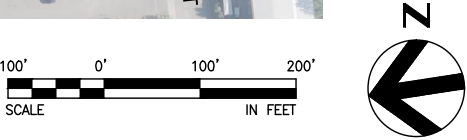
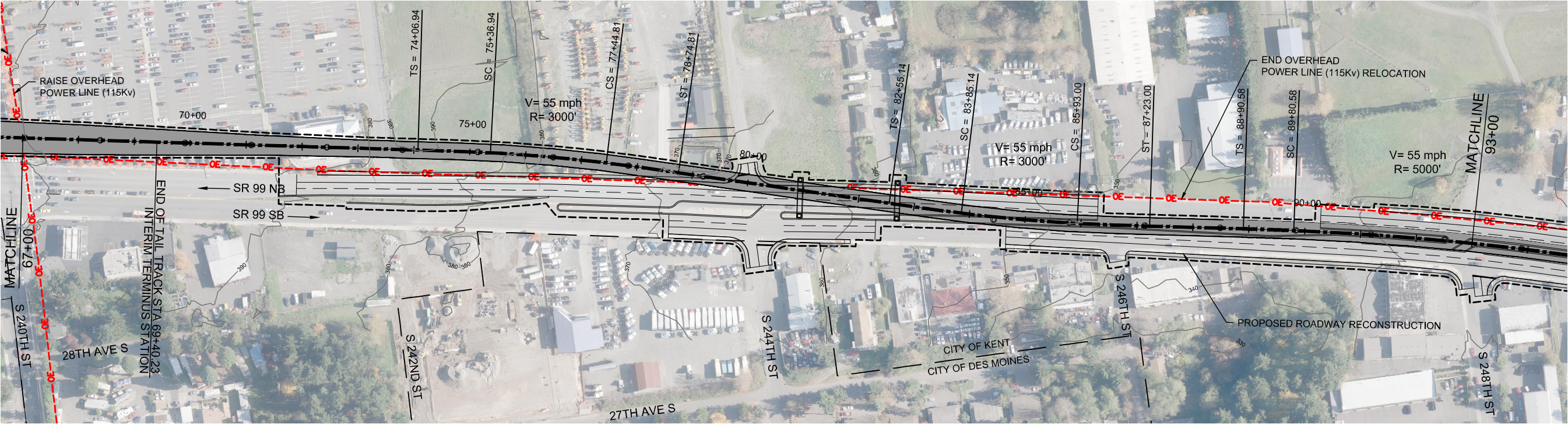
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES SR 99 EAST STATION OPTION  
STA 41+00 TO STA 67+00

APRIL 2015

SR99-E2-PP05  
45



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



2/25/2015 1:48:48 PM C:\WORKING\SEAD\114119\ KENT DES MOINES SR 99 EAST STATION.DWG C:\OX



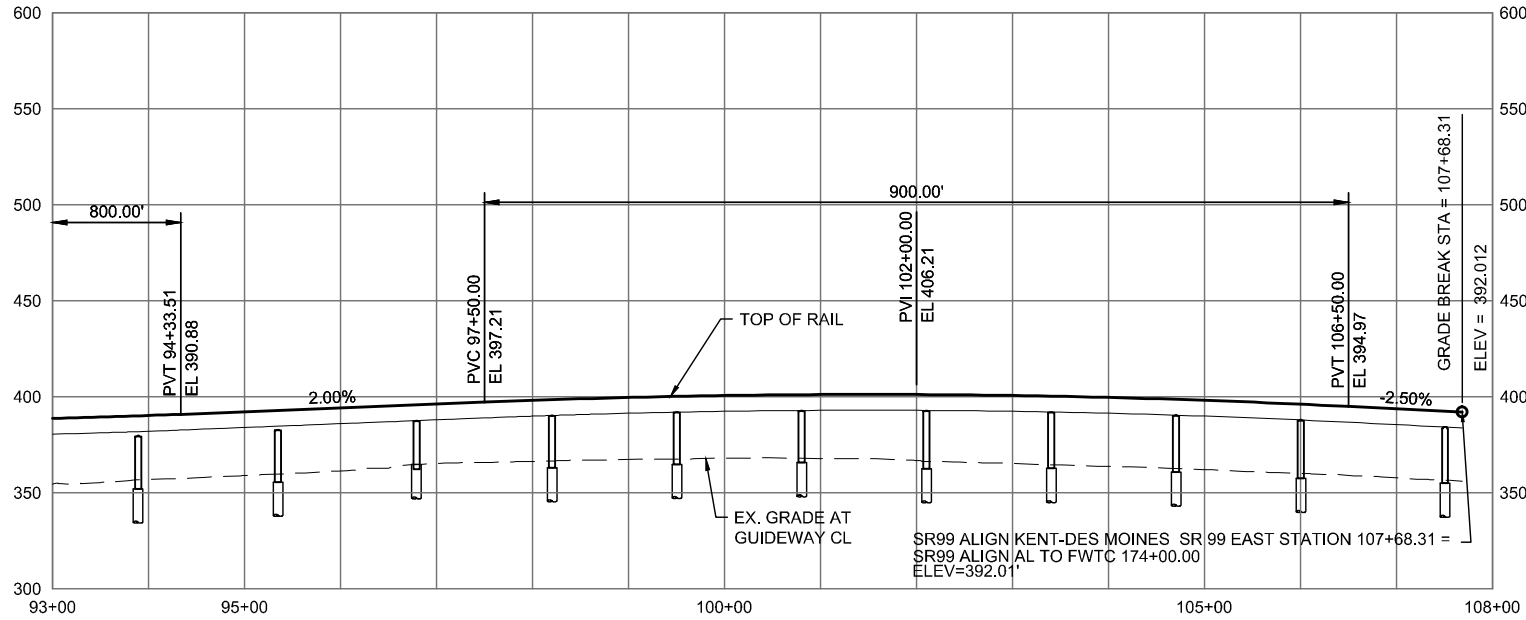
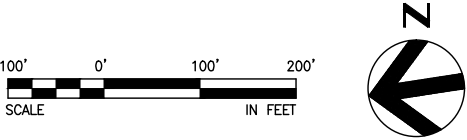
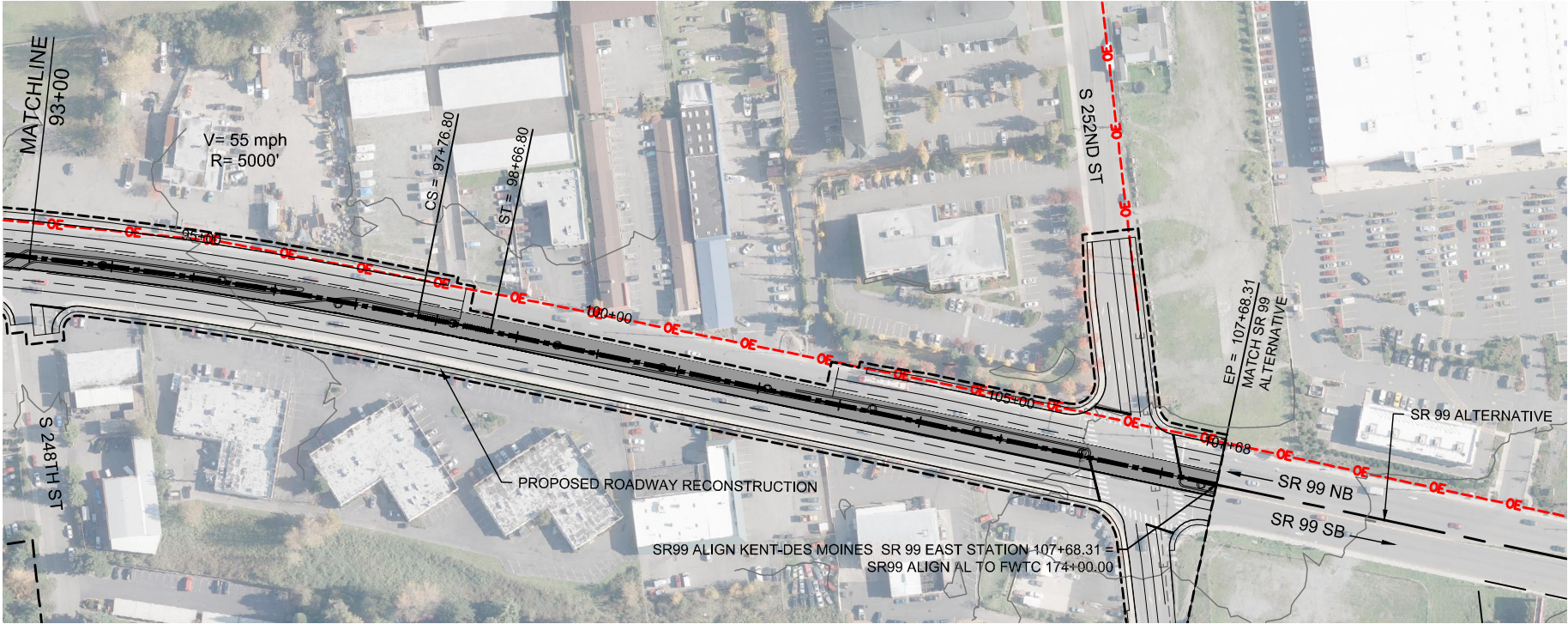
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES SR 99 EAST STATION OPTION  
STA 67+00 TO STA 93+00

APRIL 2015

SR99-E3-PP06  
46



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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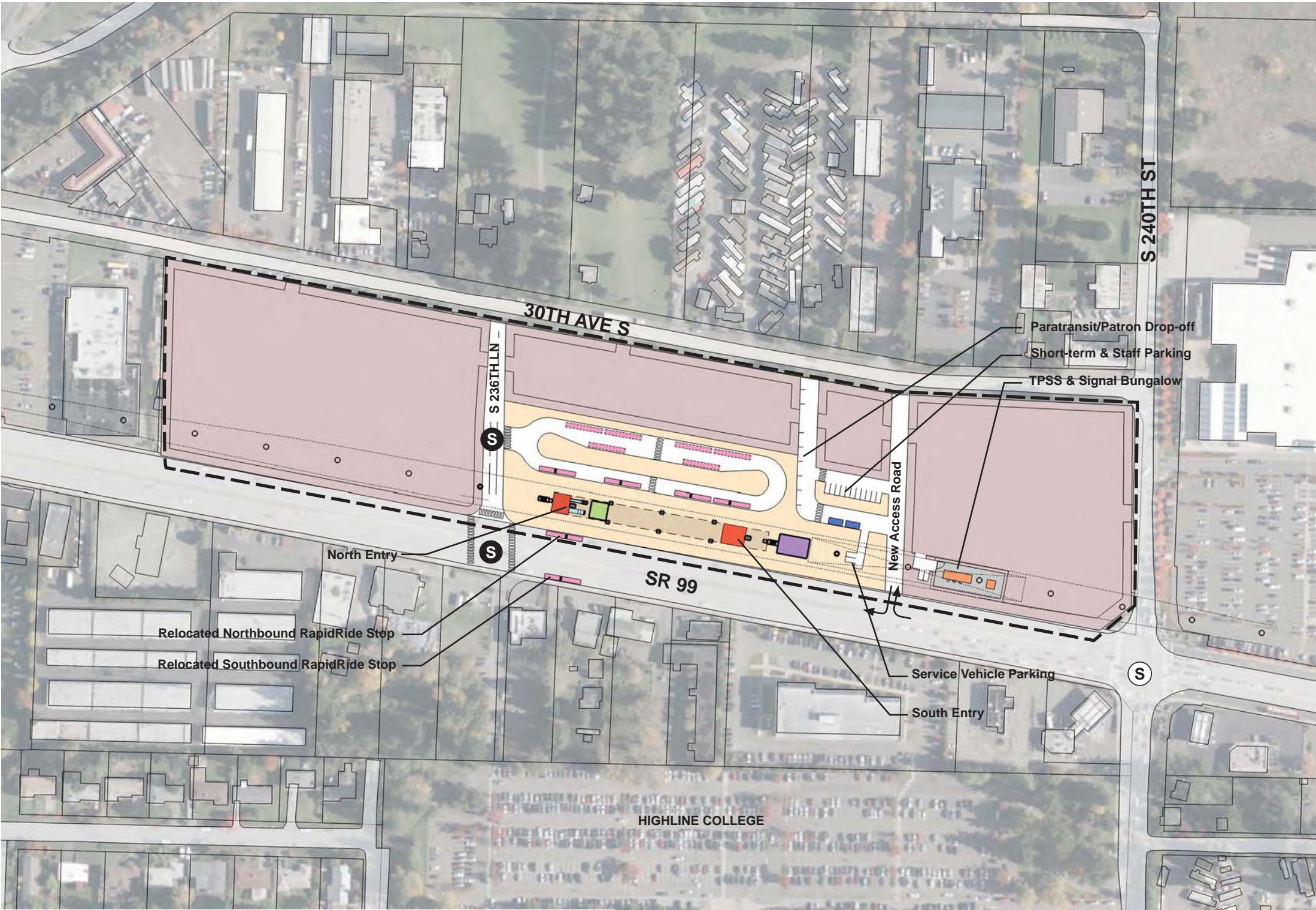
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES SR 99 EAST STATION OPTION  
STA 93+00 TO STA 107+68.31

APRIL 2015

SR99-E4-PP07  
47



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING / PARKING

- STATION AREA FOOTPRINT

S

SIGNALIZED INTERSECTION (EXISTING)

S

SIGNALIZED INTERSECTION (PROPOSED)

ASSUMPTIONS:

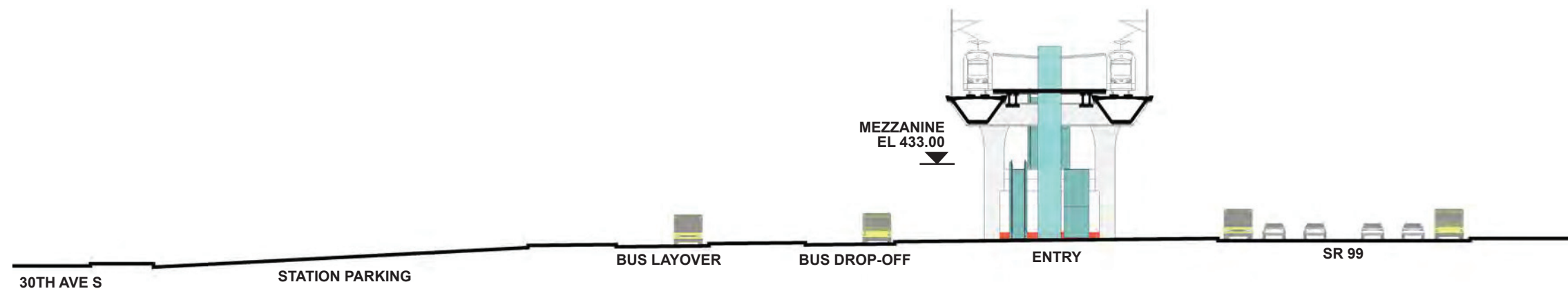
Kent/Des Moines SR 99 East Station Option	
Alternative(s):	SR 99; I-5
Boardings	3,000
Boardings (with 216th Station)	2,500
Boardings (interim terminus)	4,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Elevated
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Total Ancillary Spaces (SF)	2,000
Vertical Circulation	
# of entrances	2
# of escalators	2
# of staircases (patron)	2
# of elevators	2
# of emergency stairs	2
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	On-street at SR 99
Bus layover (KCM)	2 bays, two 60' coaches each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit spaces	1 permanent, 1 interim
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Long-term patron parking	500 spaces (structure)
Temporary patron parking*	500 spaces (surface)
Total proposed patron parking*	1000 spaces

\*Only required for interim terminus condition

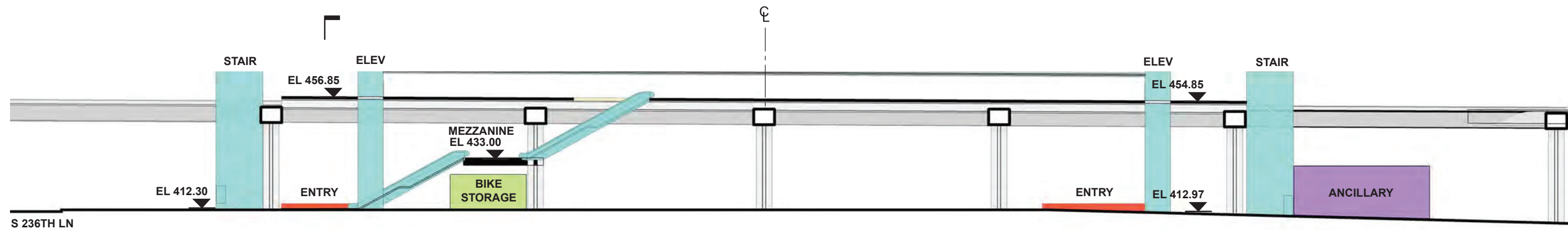




# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

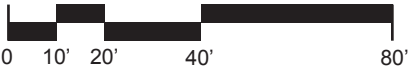


SECTION LOOKING SOUTH



SECTION LOOKING EAST

- |                        |                                |
|------------------------|--------------------------------|
| STATION PLAZA          | BUS LAYOVER                    |
| VERTICAL CIRCULATION   | BUS PICK-UP / DROP OFF         |
| TICKETING / ENTRY HALL | PARATRANSIT                    |
| PLATFORM               | BICYCLE STORAGE                |
| ANCILLARY SPACES       | CONSTRUCTION STAGING / PARKING |
| TPSS                   |                                |



7/17/2014 11:36:52 AM JHAMMERQUIST G:\BWM\PROJECTS\67612\FEDERAL WAY TRANSIT EXTENSION\2 CLIENT\2 DATA\INCOMING HDR\40717 UPDATED TITLEBLOCK.DWG



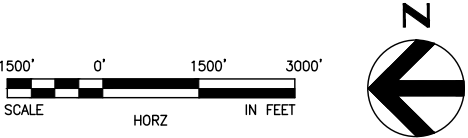


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED

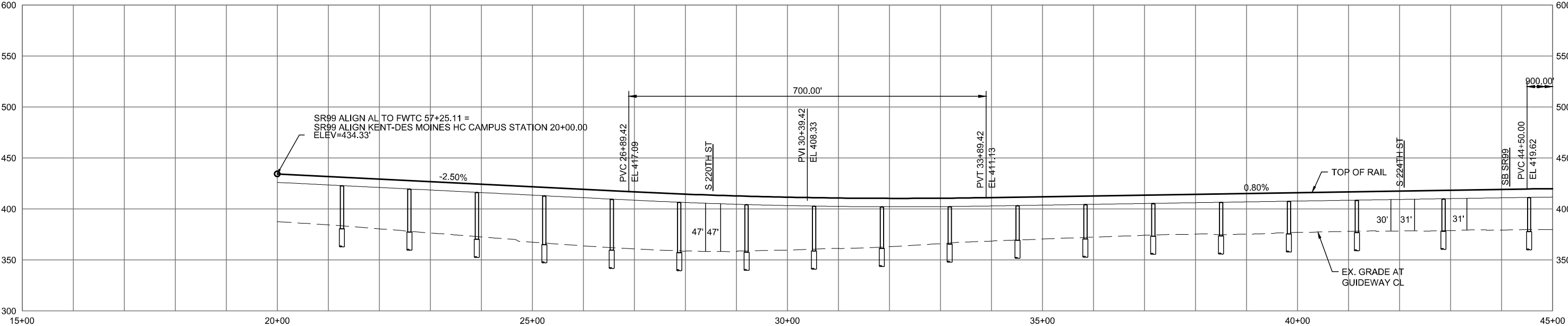
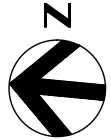
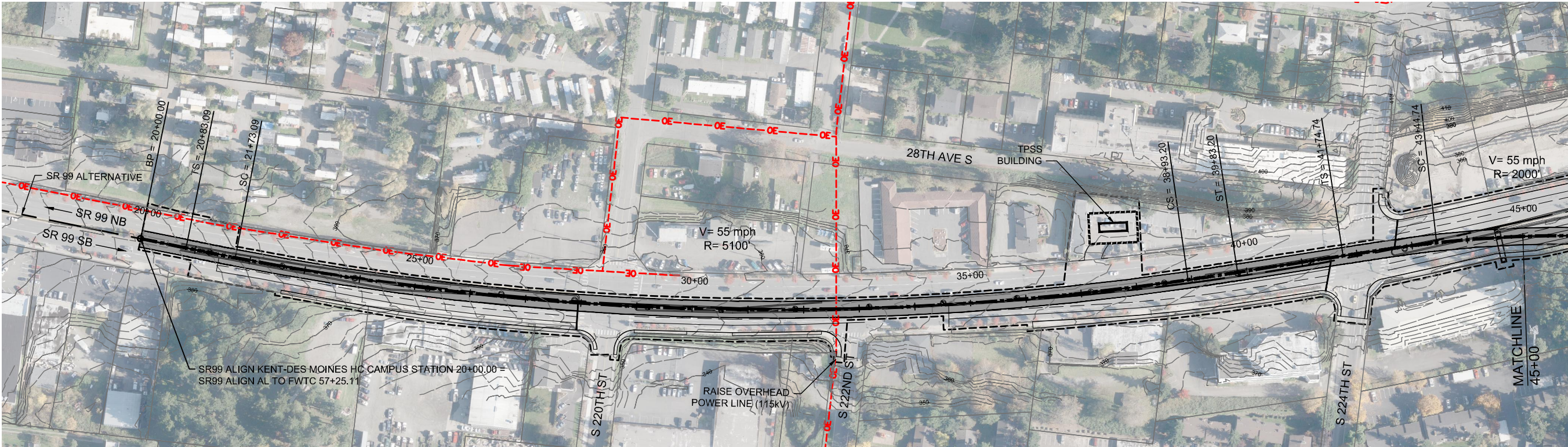


DRAFT EIS - CONCEPTUAL DESIGN  
KENT / DES MOINES HC CAMPUS STATION OPTION  
SHEET INDEX KEYMAP

APRIL 2015



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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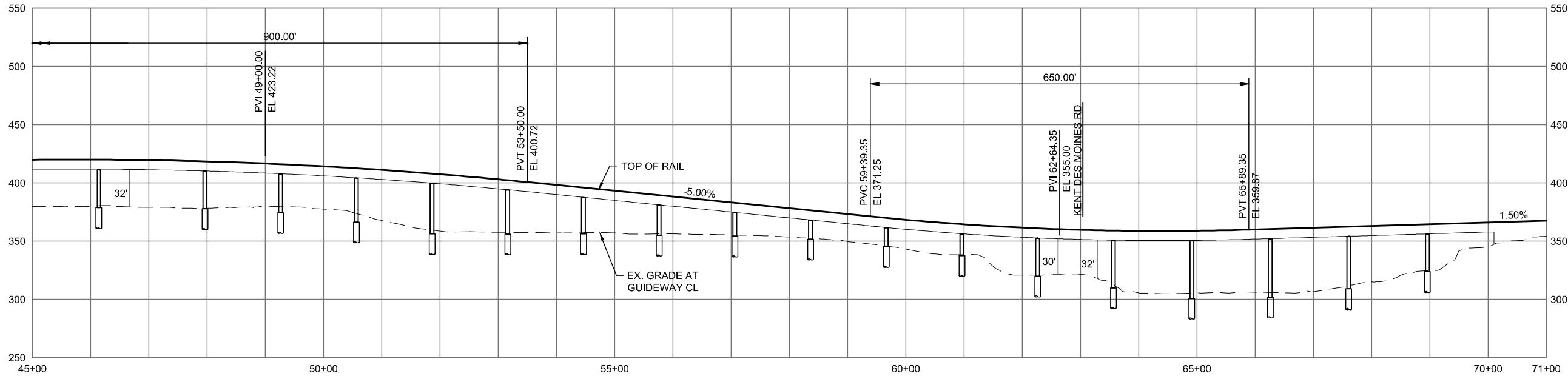
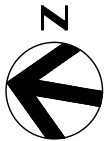
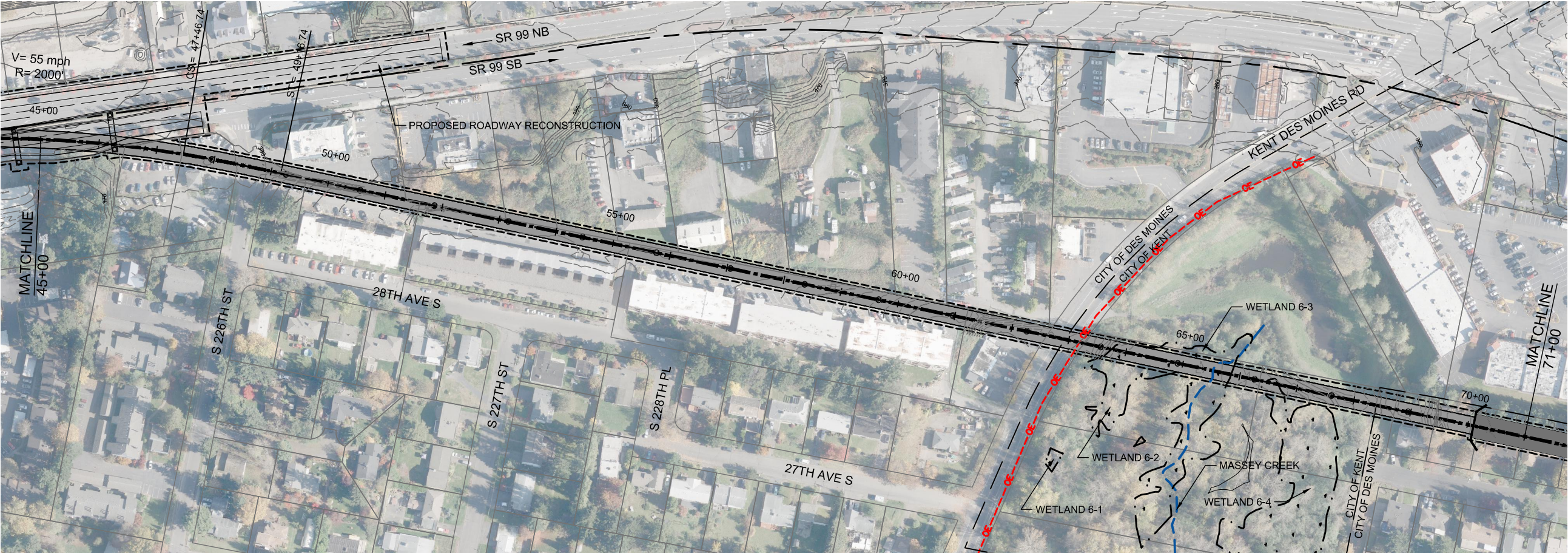
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES HC CAMPUS STATION OPTION  
STA 20+00 TO STA 45+00

APRIL 2015

SR99-F1-PP03  
51



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



2/27/2015 12:45 PM C:\WORKING\SEAD\114119F\_KENT DES MOINES HC CAMPUS STATION.DWG C:\OX



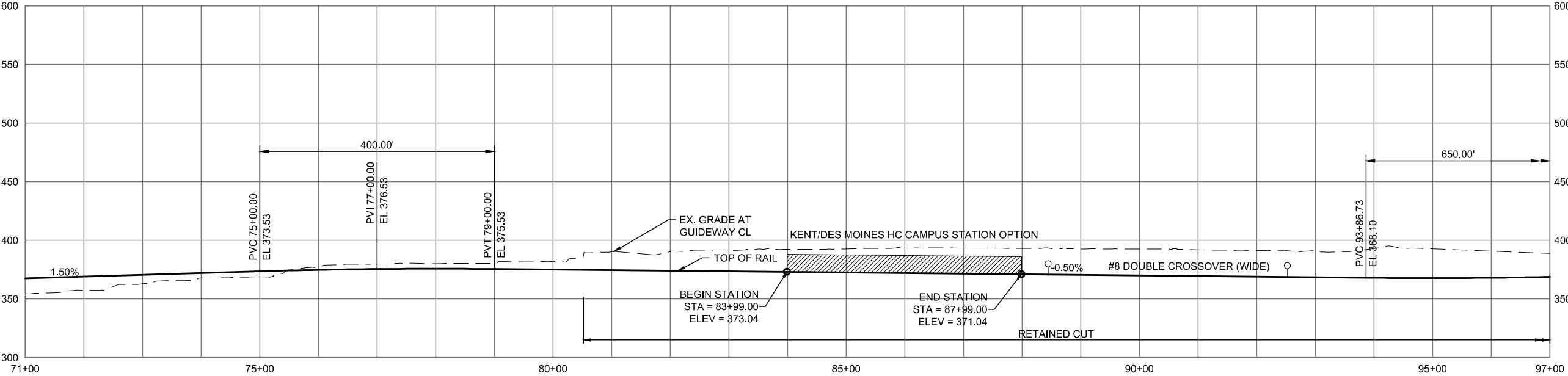
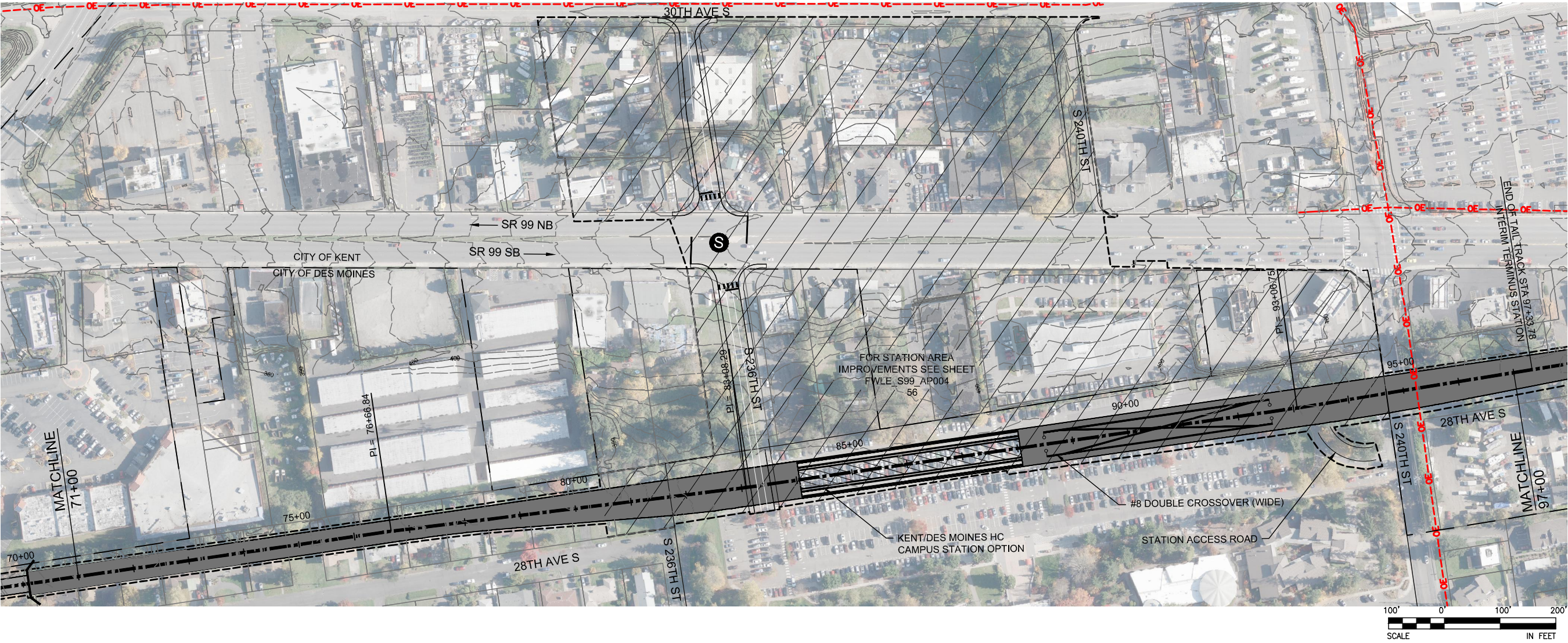
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES HC CAMPUS STATION OPTION  
STA 45+00 TO STA 71+00

APRIL 2015

SR99-F2-PP04  
52



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES HC CAMPUS STATION OPTION  
STA 71+00 TO STA 97+00

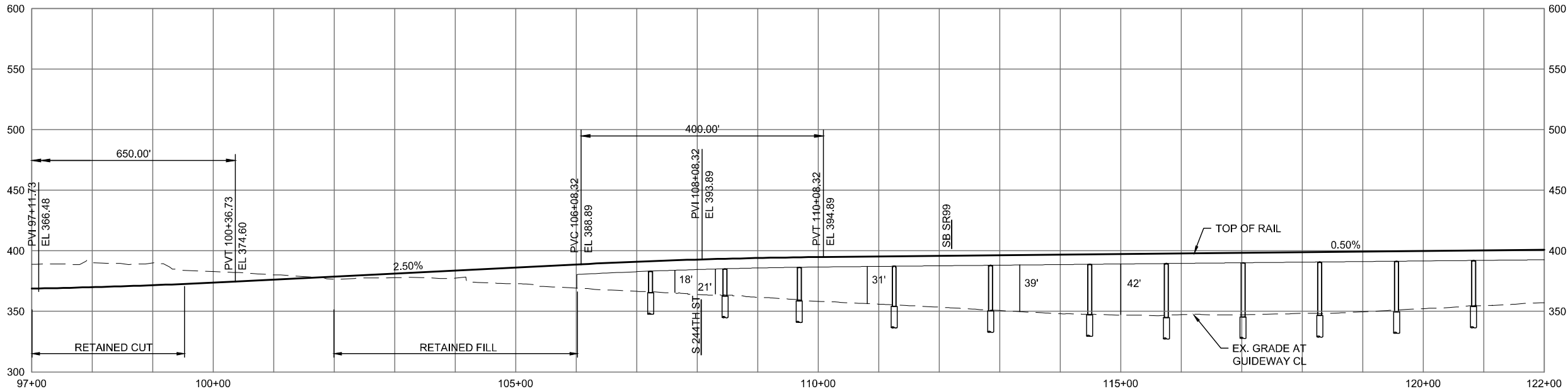


APRIL 2015

SR99-F3-PP05  
53



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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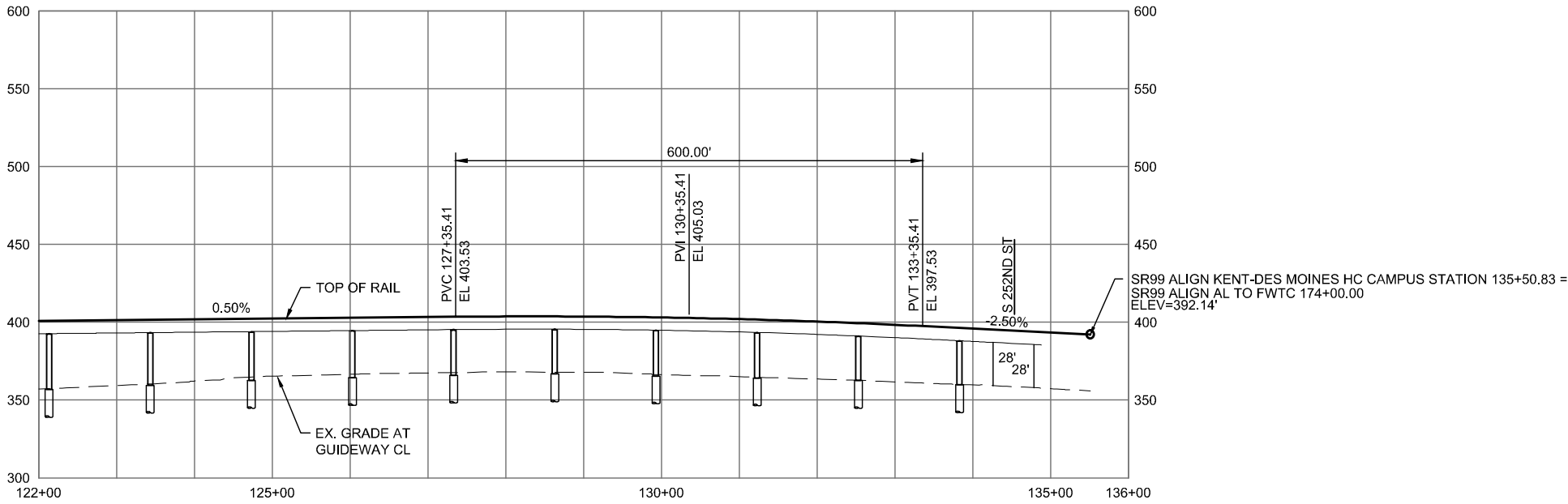
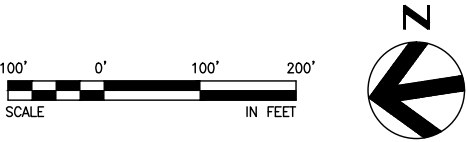
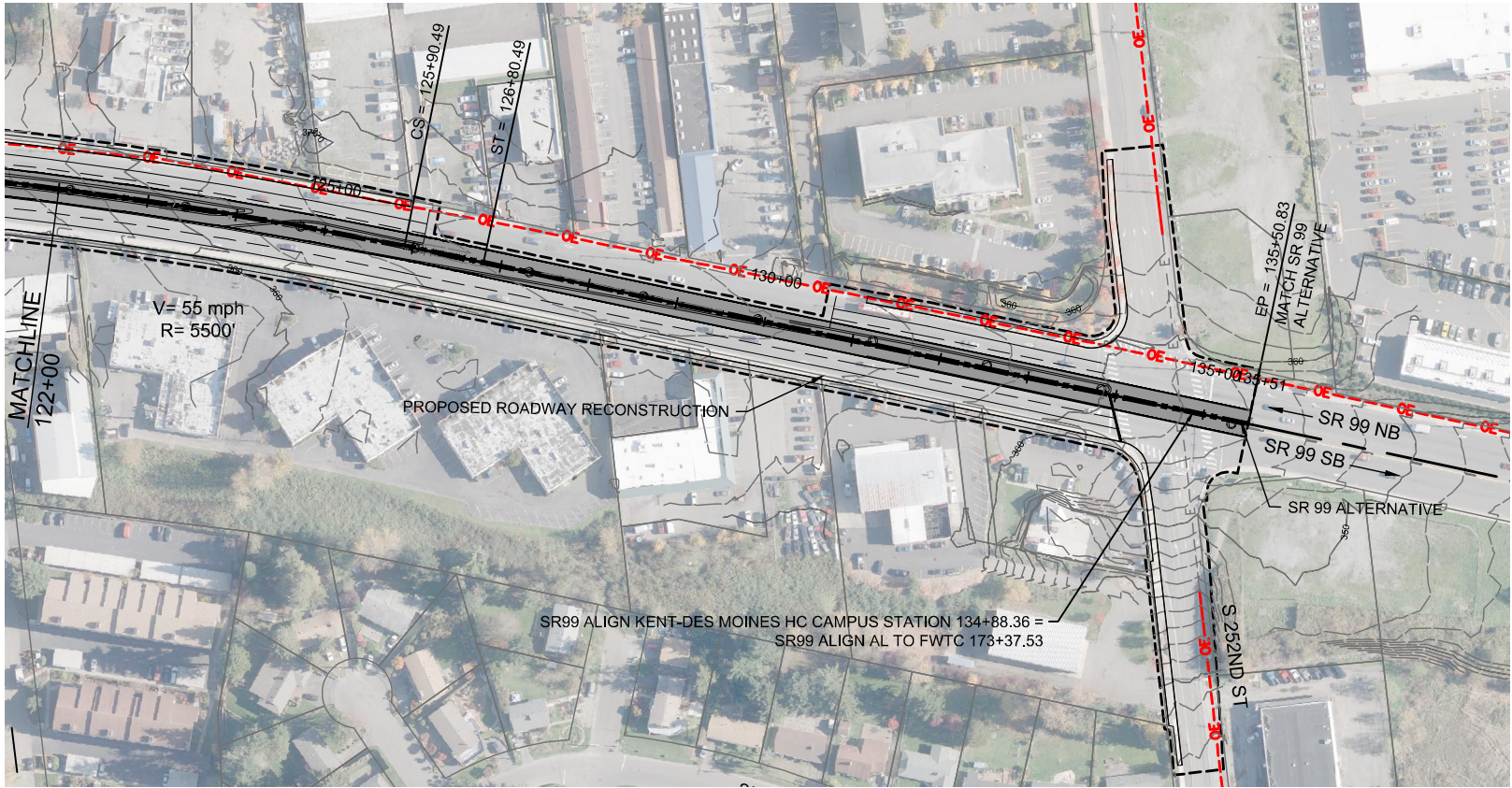
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES HC CAMPUS STATION OPTION  
STA 97+00 TO STA 122+00

APRIL 2015

SR99-F4-PP06  
54



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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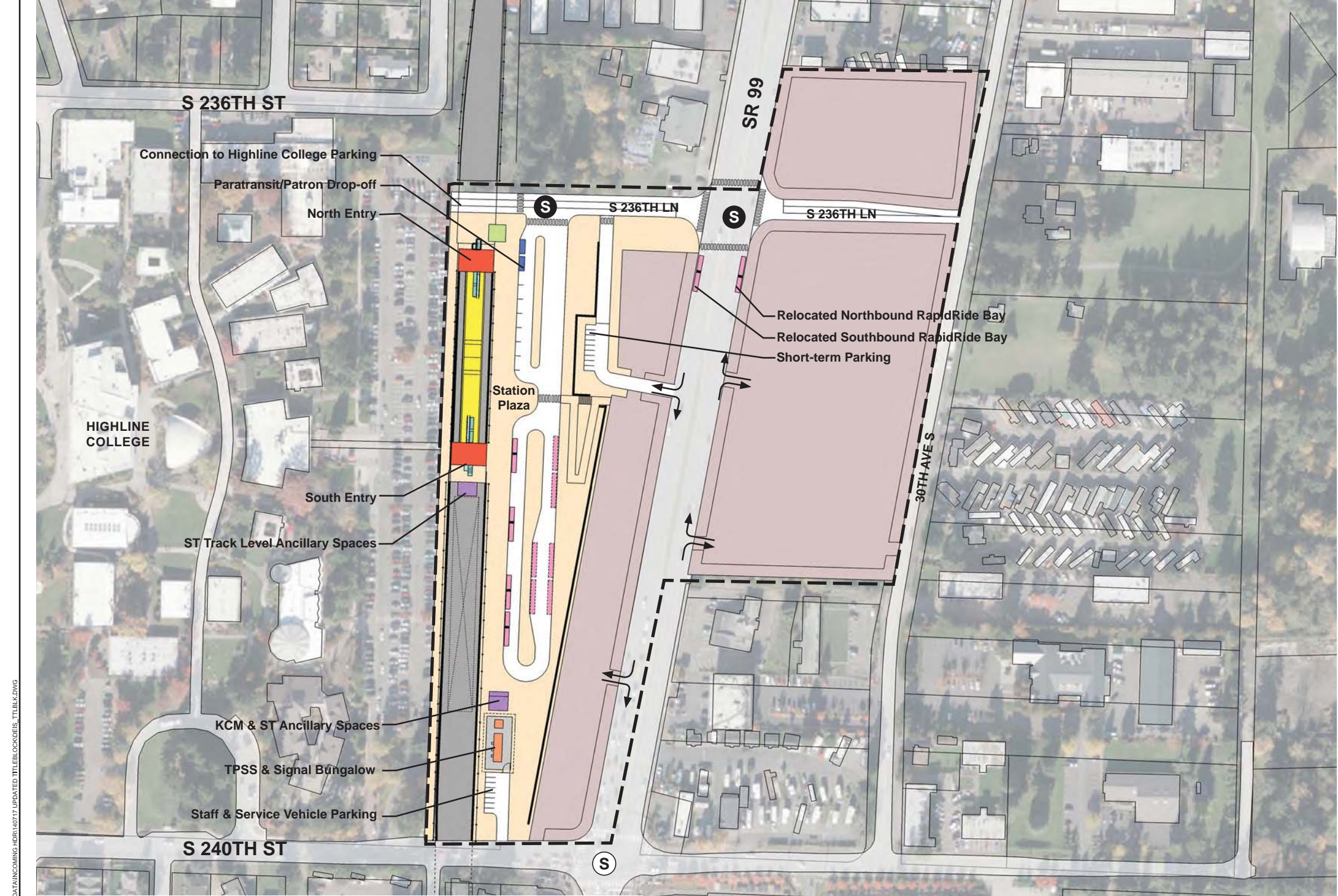
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KENT/DES MOINES HC CAMPUS STATION OPTION  
STA 122+00 TO STA 134+88.36

APRIL 2015

SR99-F5-PP07  
55



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



7/17/2014 11:36:52 AM JHAMMERQUIST G:\BWM\PROJECTS\67612\FEDERAL WAY TRANSIT EXTENSION\2 CLIENT\2 DATA\INCOMING HDR\40717 UPDATED TITLEBLOCK\DES\_TTLB\KDWG

- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING / PARKING

- STATION AREA FOOTPRINT
- S

SIGNALIZED INTERSECTION (EXISTING)
- S

SIGNALIZED INTERSECTION (PROPOSED)

ASSUMPTIONS:

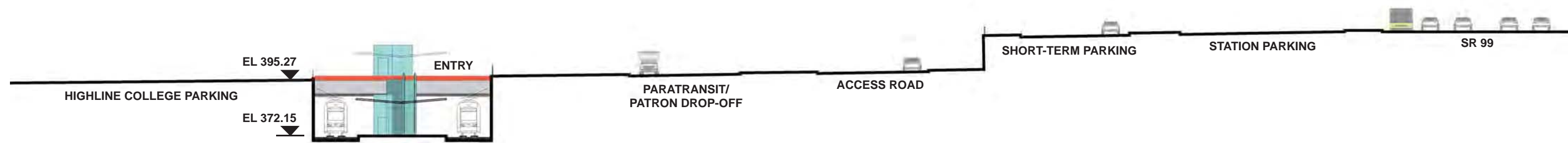
Kent/Des Moines HC Campus Station Option	
Alternative(s):	SR 99
Boardings	3,000
Boardings (with 216th Station)	2,500
Boardings (interim terminus)	4,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Trench
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Total Ancillary Spaces (SF)	2,000
Vertical Circulation	
# of entrances	2
# of escalators	2
# of staircases (patron)	2
# of elevators	2
# of emergency stairs	2
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	On-street at SR 99
Bus layover (KCM)	2 bays, two 60' coaches each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit	1 permanent, 1 interim
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Long-term patron parking	500 spaces (structure)
Temporary patron parking*	500 spaces (surface)
Total proposed patron parking*	1000 spaces
HC Replacement Parking	520 spaces

\*Only required for interim terminus condition

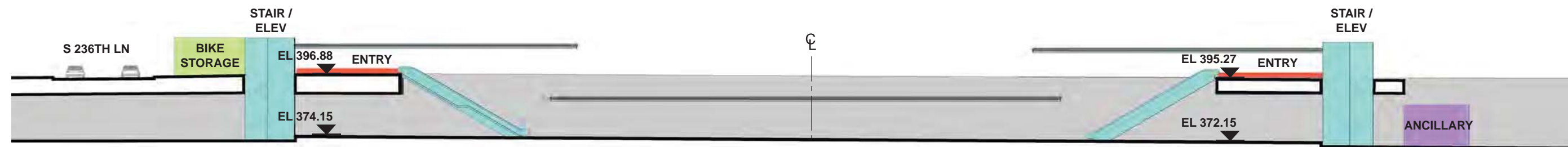




# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

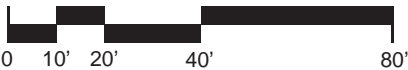


SECTION LOOKING NORTH



SECTION LOOKING EAST

- |                        |                                |
|------------------------|--------------------------------|
| STATION PLAZA          | BUS LAYOVER                    |
| VERTICAL CIRCULATION   | BUS PICK-UP / DROP OFF         |
| TICKETING / ENTRY HALL | PARATRANSIT                    |
| PLATFORM               | BICYCLE STORAGE                |
| ANCILLARY SPACES       | CONSTRUCTION STAGING / PARKING |
| TPSS                   |                                |



DRAFT EIS - CONCEPTUAL DESIGN  
KENT/DES MOINES HC CAMPUS STATION OPTION  
SECTION

APRIL 2015  
FWLE\_S99\_AX004  
57

7/17/2014 11:26:52 AM JHAMMERQUIST G:\BWA PROJECTS\67612 FEDERAL WAY TRANSIT EXTENSION\2 CLIENT\2 DATA\INCOMING HDR\40717 UPDATED TITLEBLOCK\DES\_TTLB\K.DWG



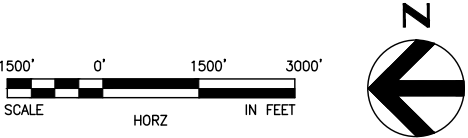


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED

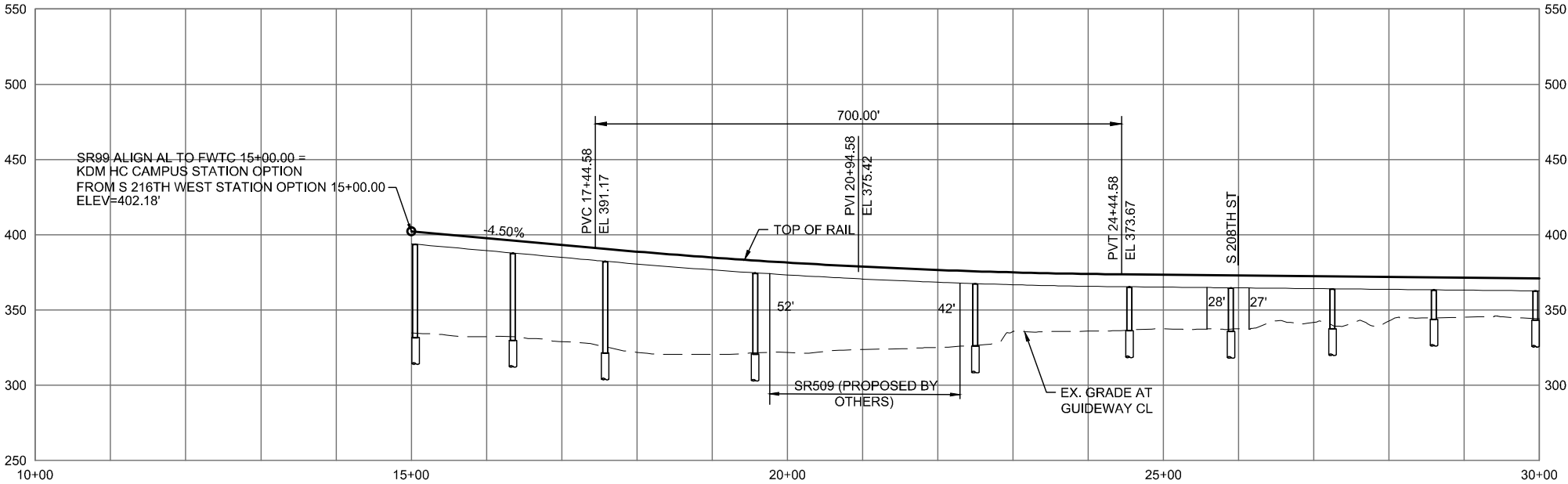
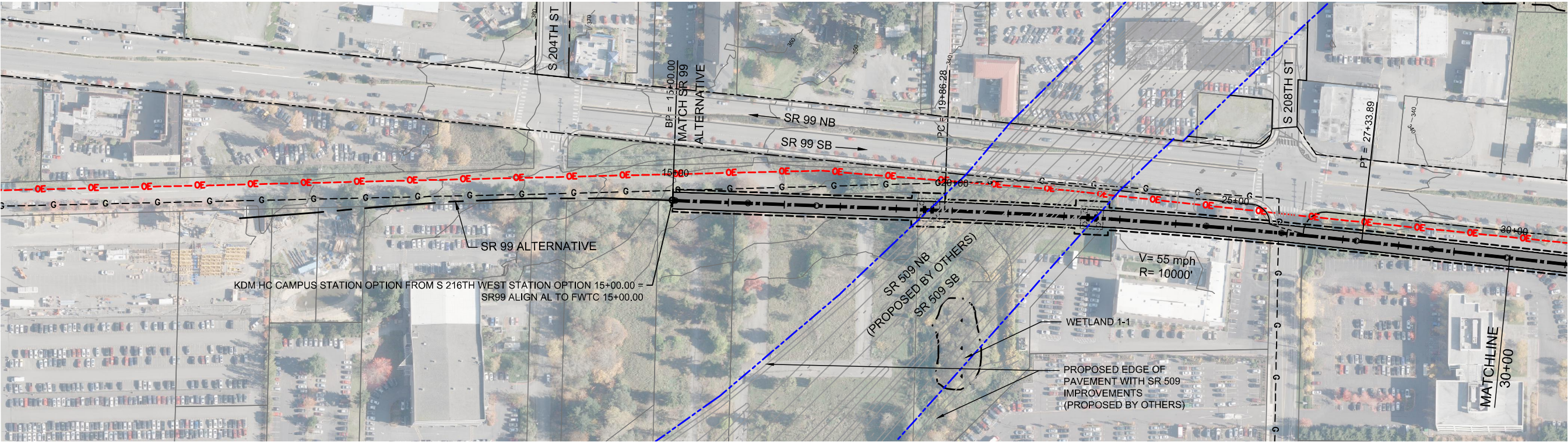


2/25/2015 9:20:45 AM  
C:\P\WORKING\SEAD114117SR99-A06-GX02.DWG  
CFOX





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KDM HC CAMPUS STATION OPTION FROM S 216TH WEST STATION OPTION  
STA 15+00 TO STA 30+00

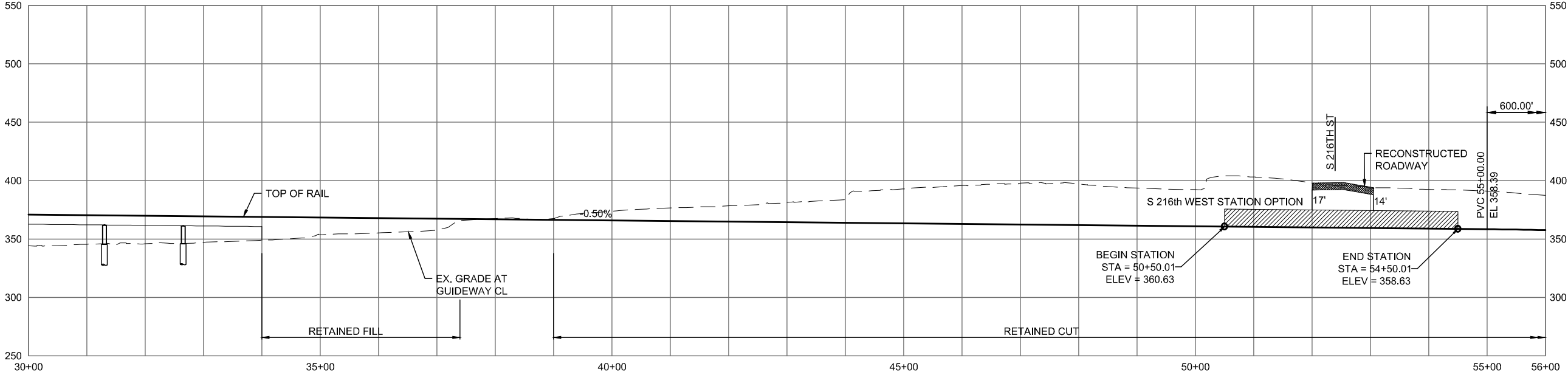
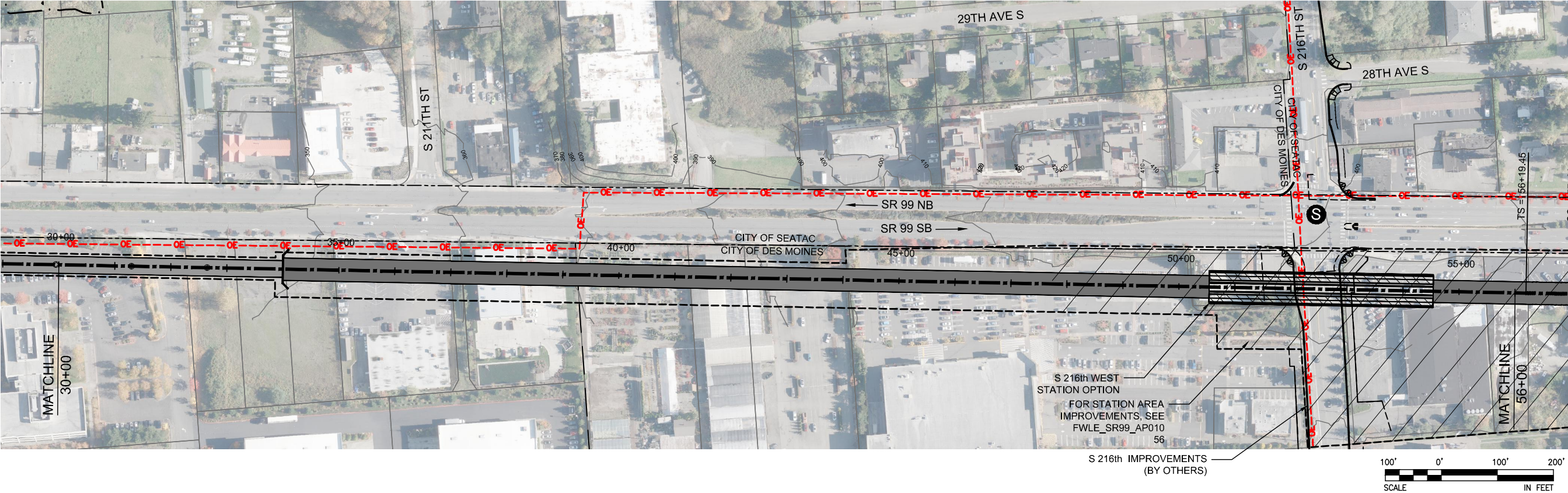
APRIL 2015

SR99-F6-PP01  
59





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



2/27/2015 12:54:58 PM C:\P\WORKING\SEAD114119\FWLE\_SR99\_216TH\_HC\_OPTION.DWG C:\FOX



DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION

KDM HC CAMPUS STATION OPTION FROM S 216TH WEST STATION OPTION

STA 30+00 TO STA 56+00

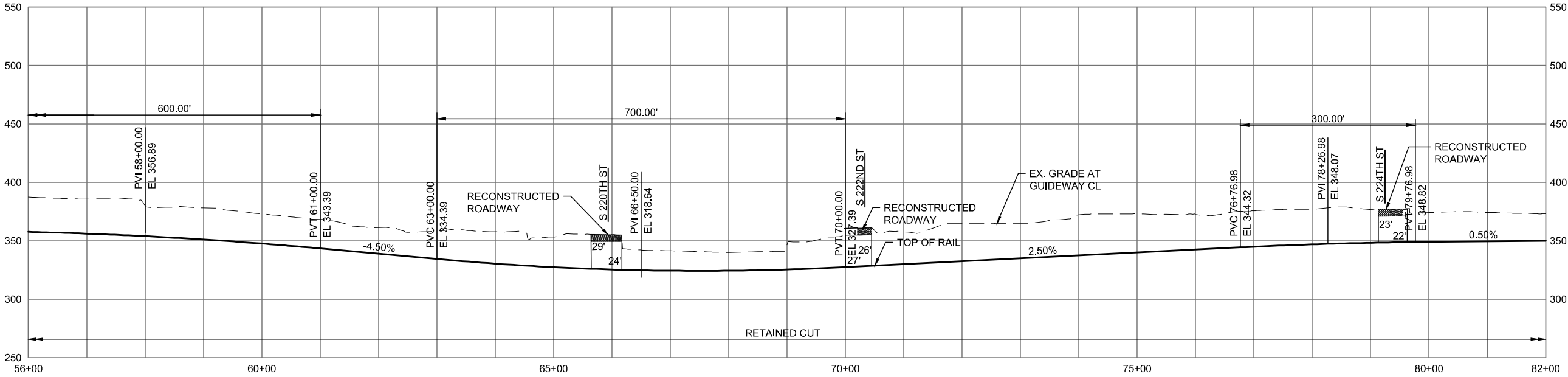
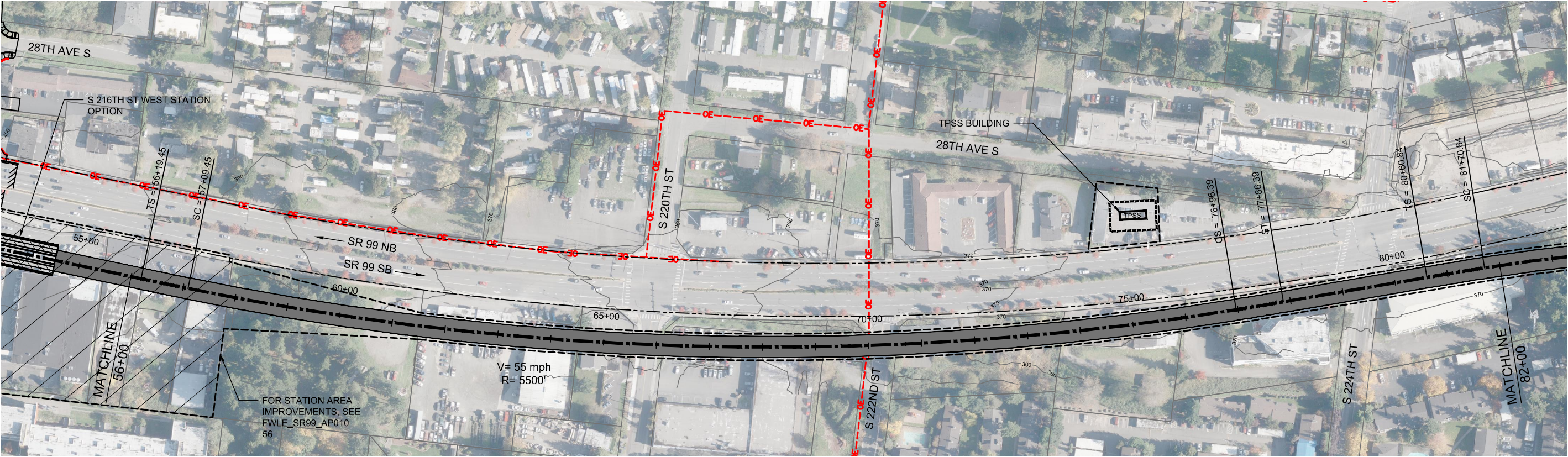
APRIL 2015

SR99-F7-PP02

60



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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DRAFT EIS - CONCEPTUAL DESIGN

TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION

KDM HC CAMPUS STATION OPTION FROM S 216TH WEST STATION OPTION

STA 56+00 TO STA 82+00

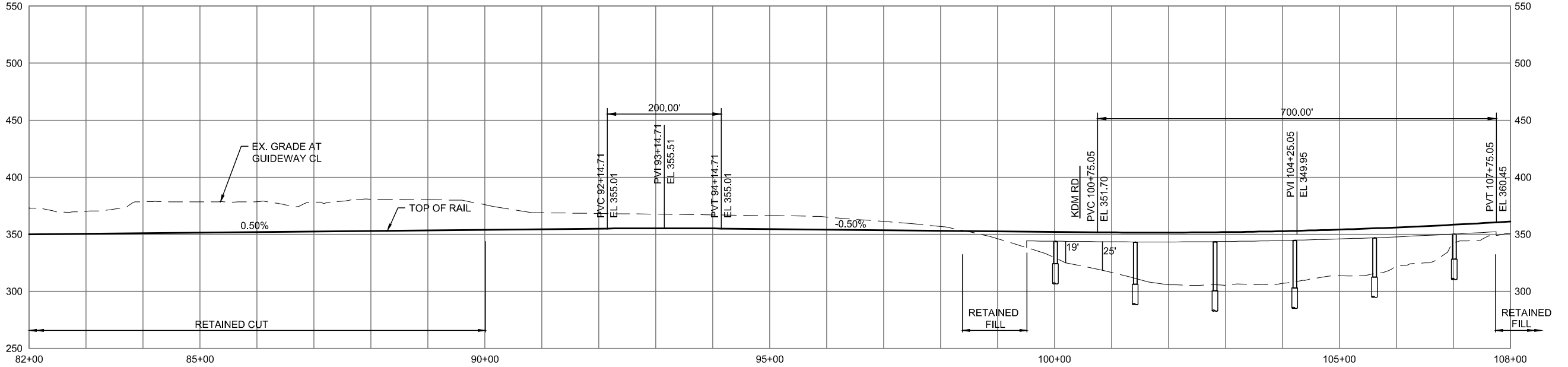
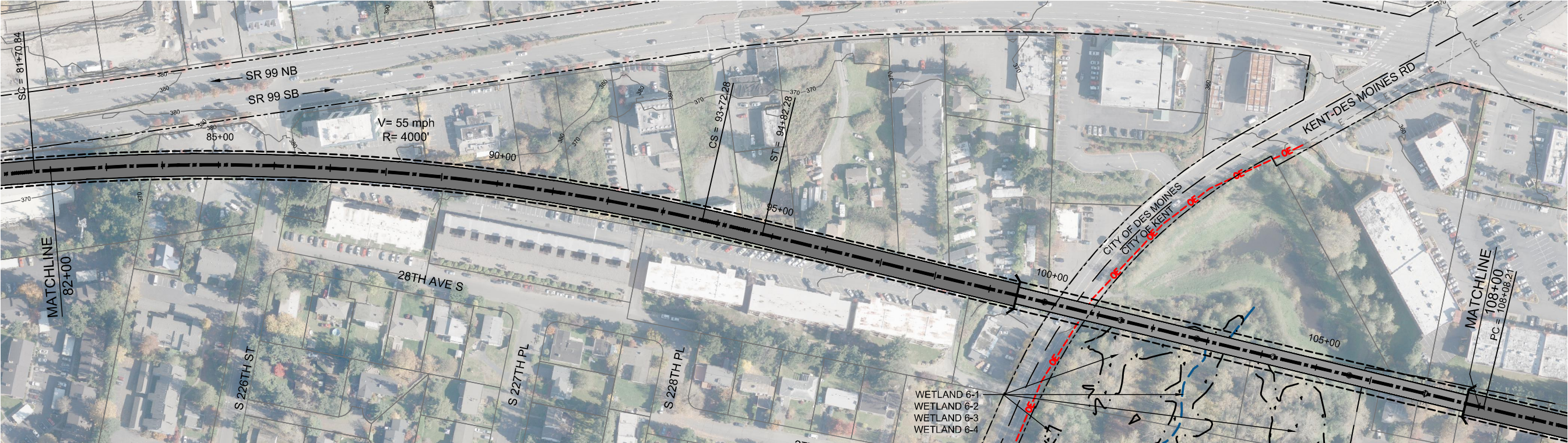
APRIL 2015

SR99-F8-PP03

61



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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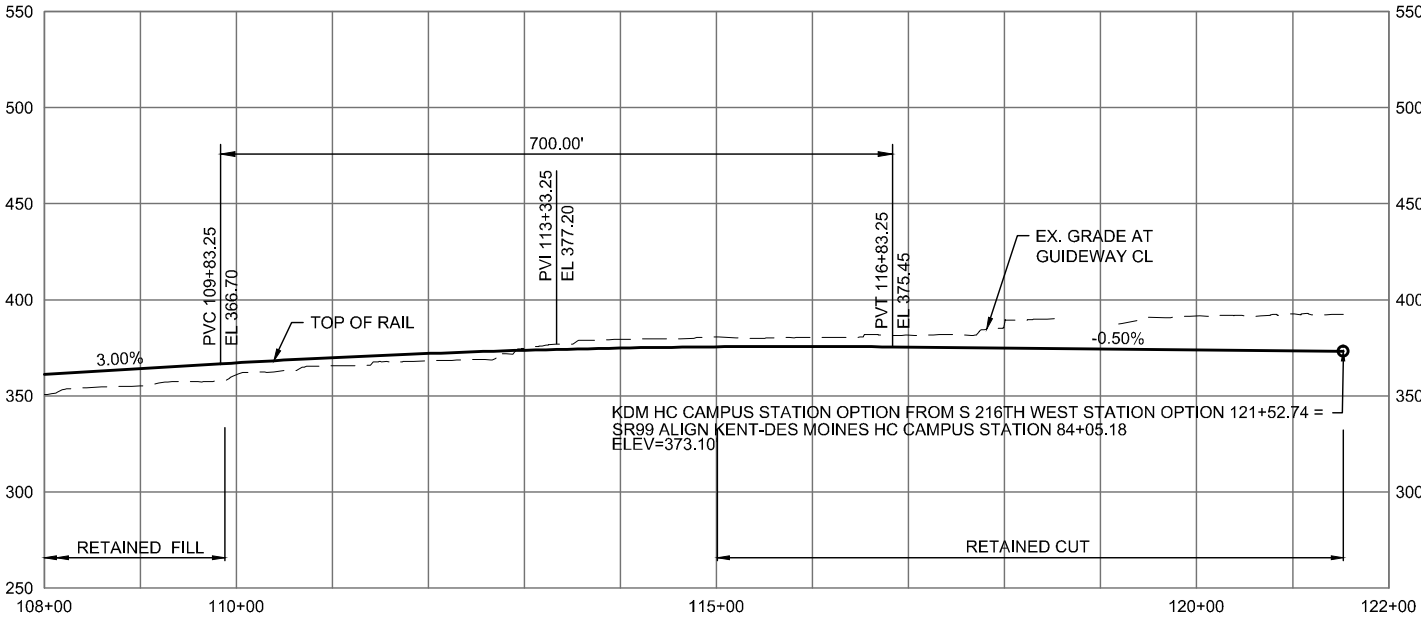
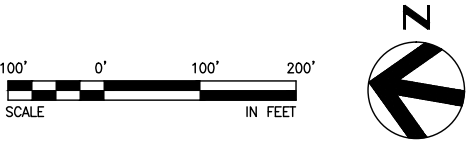
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KDM HC CAMPUS STATION OPTION FROM S 216TH WEST STATION OPTION  
STA 82+00 TO STA 108+00

APRIL 2015

SR99-F9-PP04  
62



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



2/27/2015 12:55:28 PM C:\WORKING\SEAD\114119\FWLE SR99\_216TH HC OPTION.DWG C:\FOX



DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
KDM HC CAMPUS STATION OPTION FROM S 216TH WEST STATION OPTION  
STA 108+00 TO STA 121+52.74

APRIL 2015

SR99-F10-PP05  
63

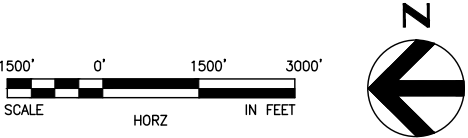


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

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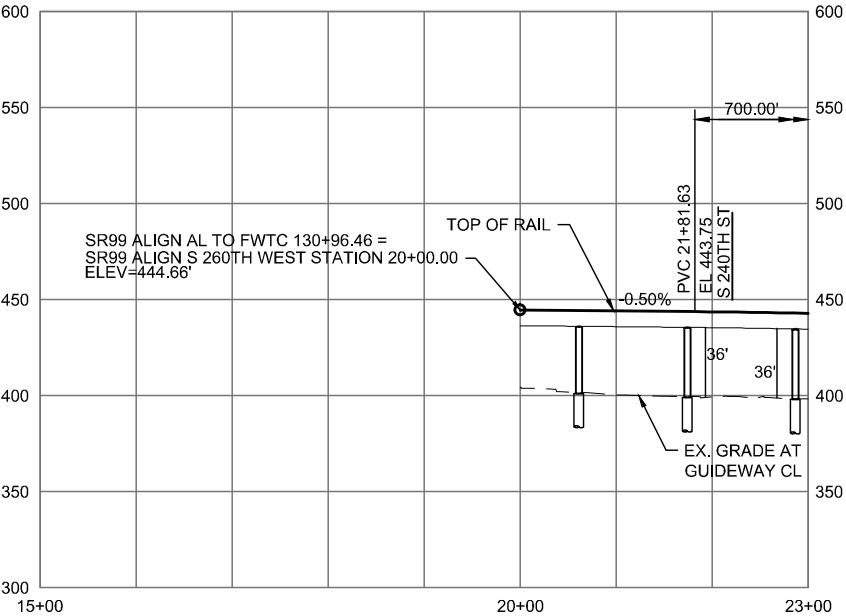
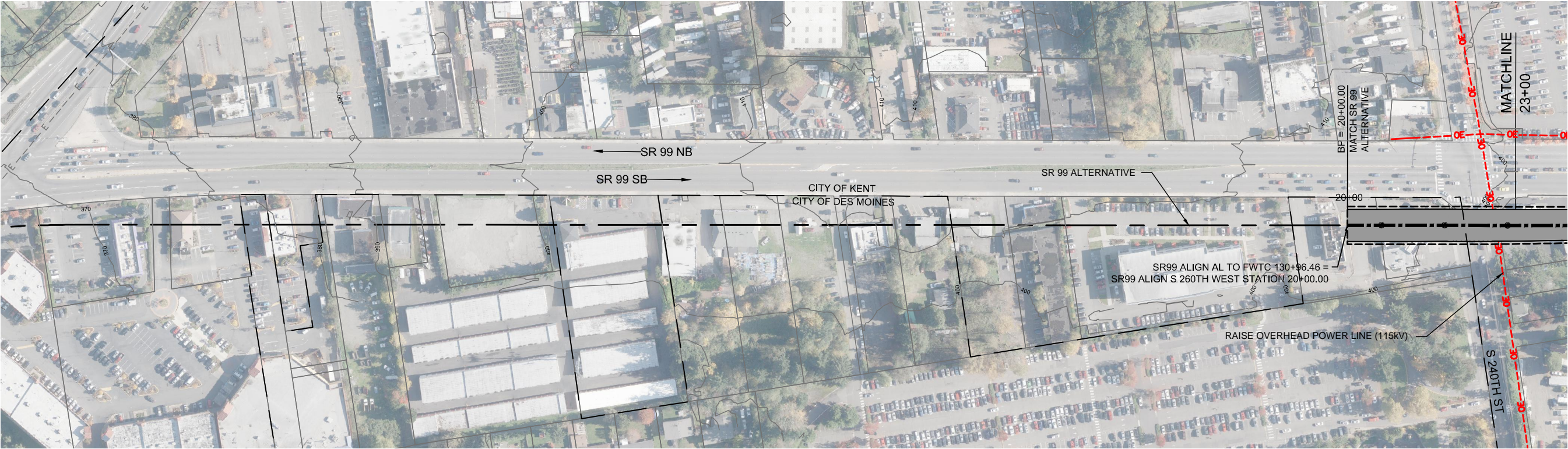
DRAFT EIS - CONCEPTUAL DESIGN  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
SHEET INDEX KEYMAP

APRIL 2015

SR99-G00-GX02  
64



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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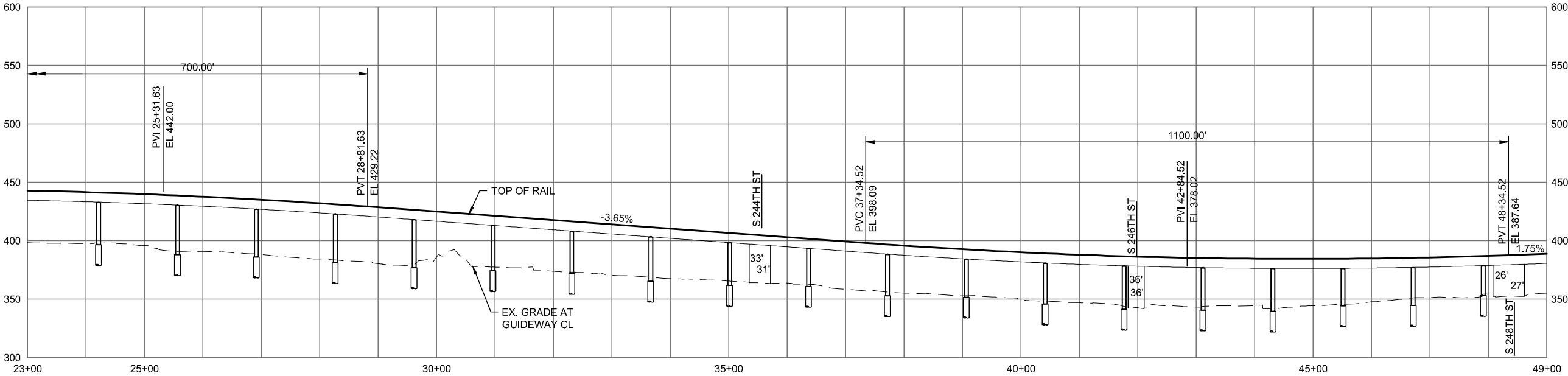
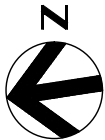
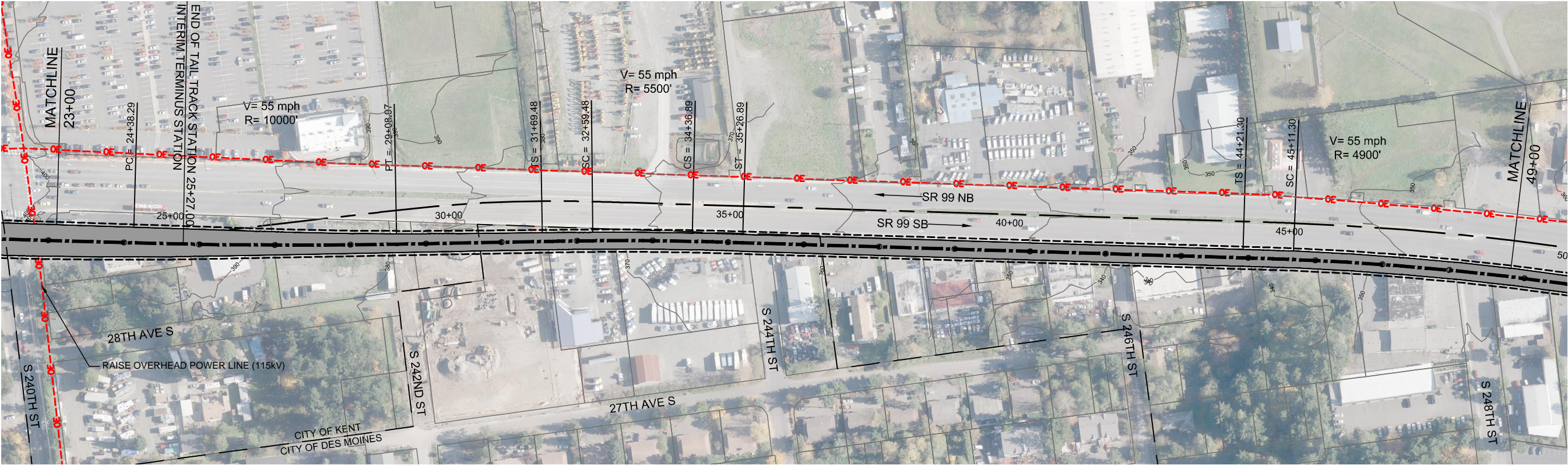
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE & ROADWAY RECONSTRUCTION  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 20+00 TO STA 23+00

APRIL 2015

SR99-G1-PP05  
65



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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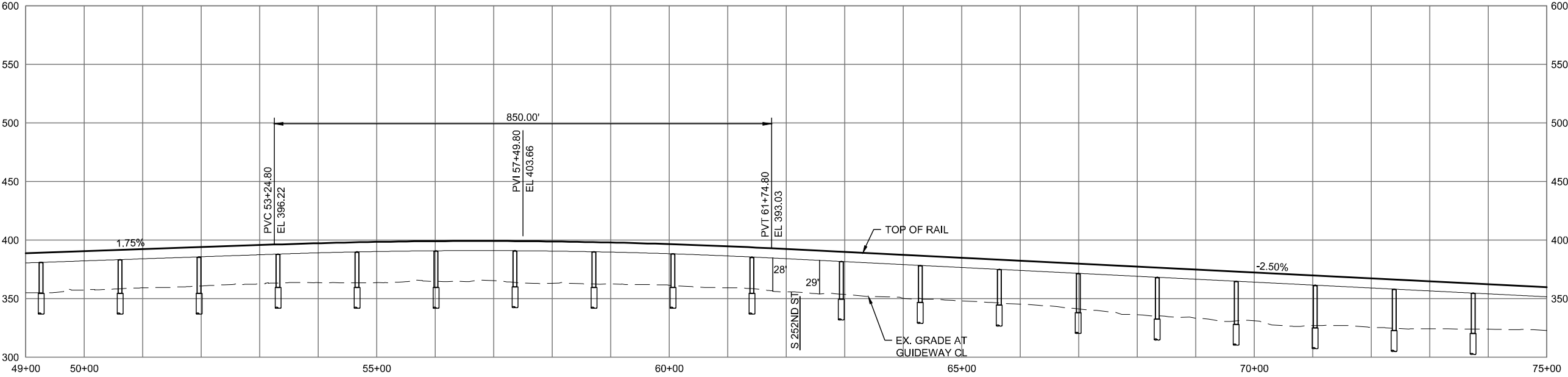
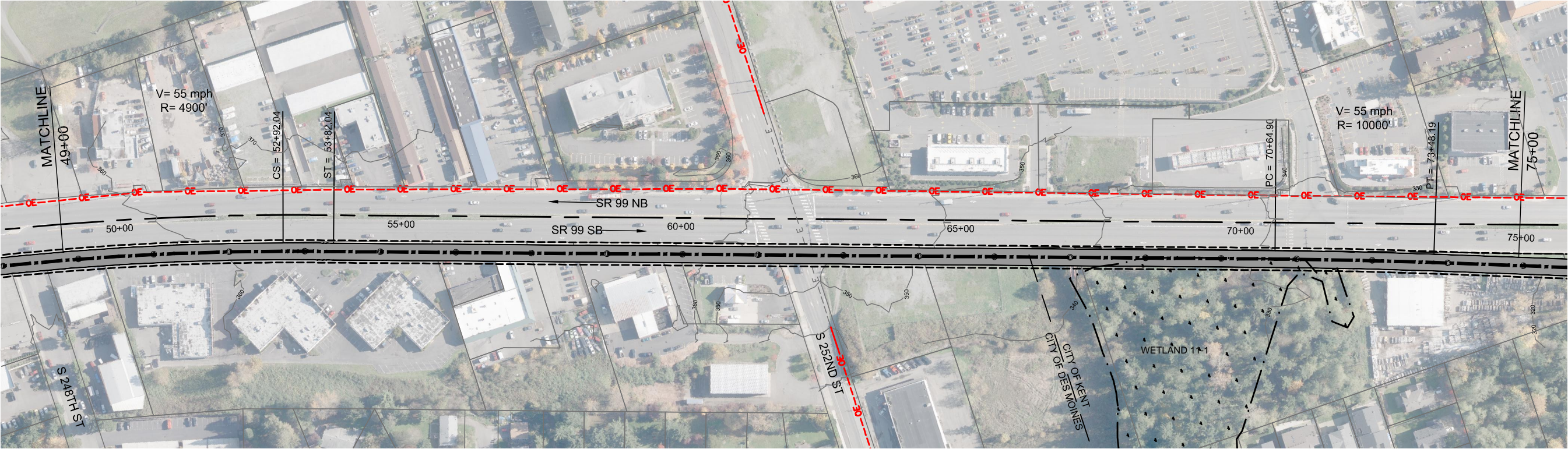
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE & ROADWAY RECONSTRUCTION  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 23+00 TO STA 49+00

APRIL 2015

SR99-G2-PP06  
66



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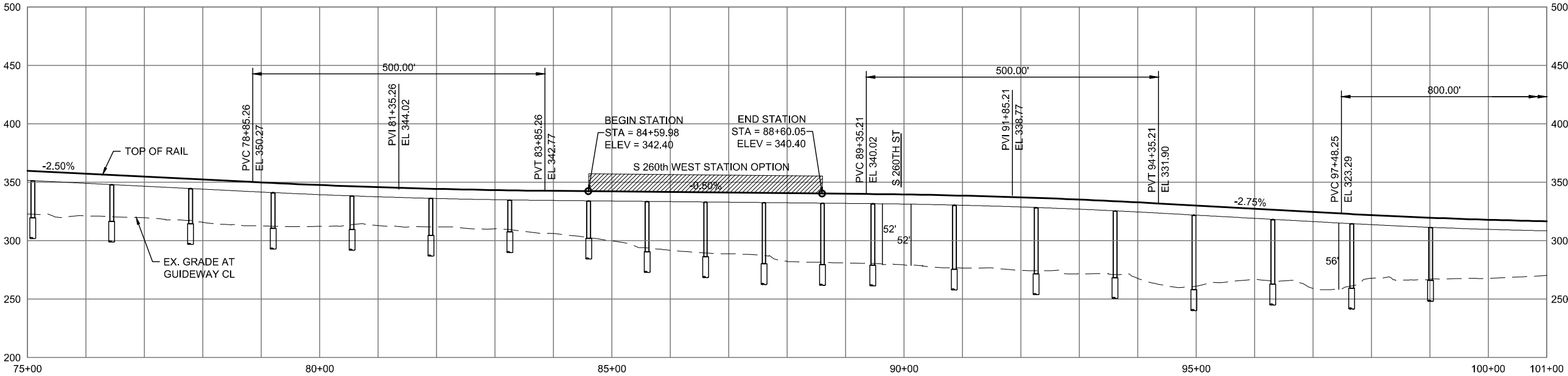
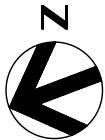
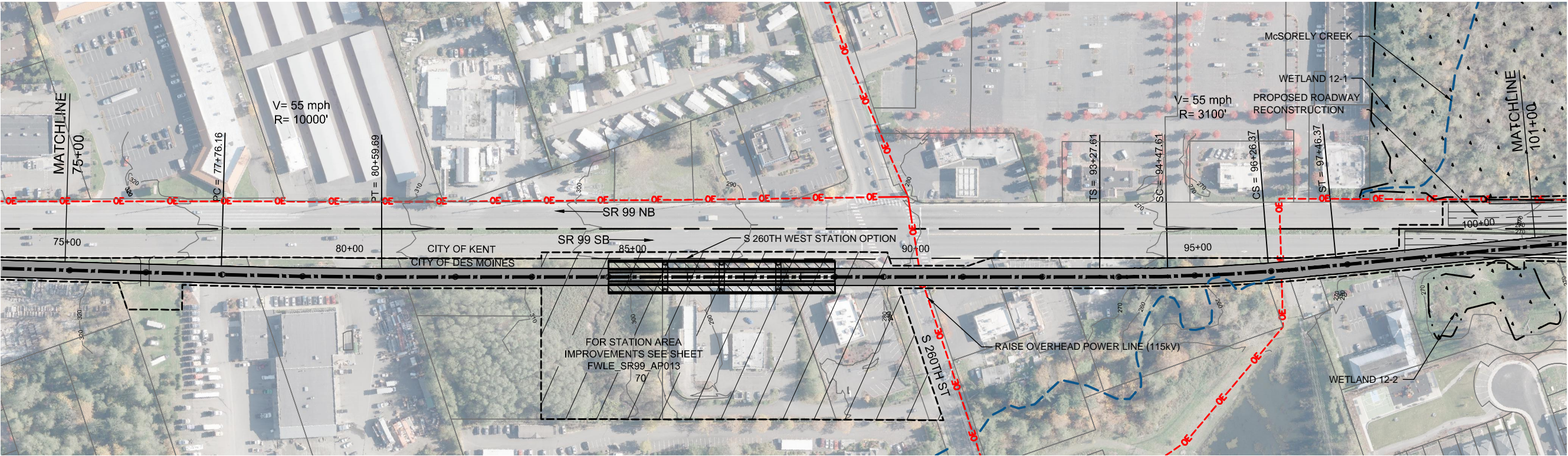
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE & ROADWAY RECONSTRUCTION  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 49+00 TO STA 75+00

APRIL 2015

SR99-G3-PP07  
67



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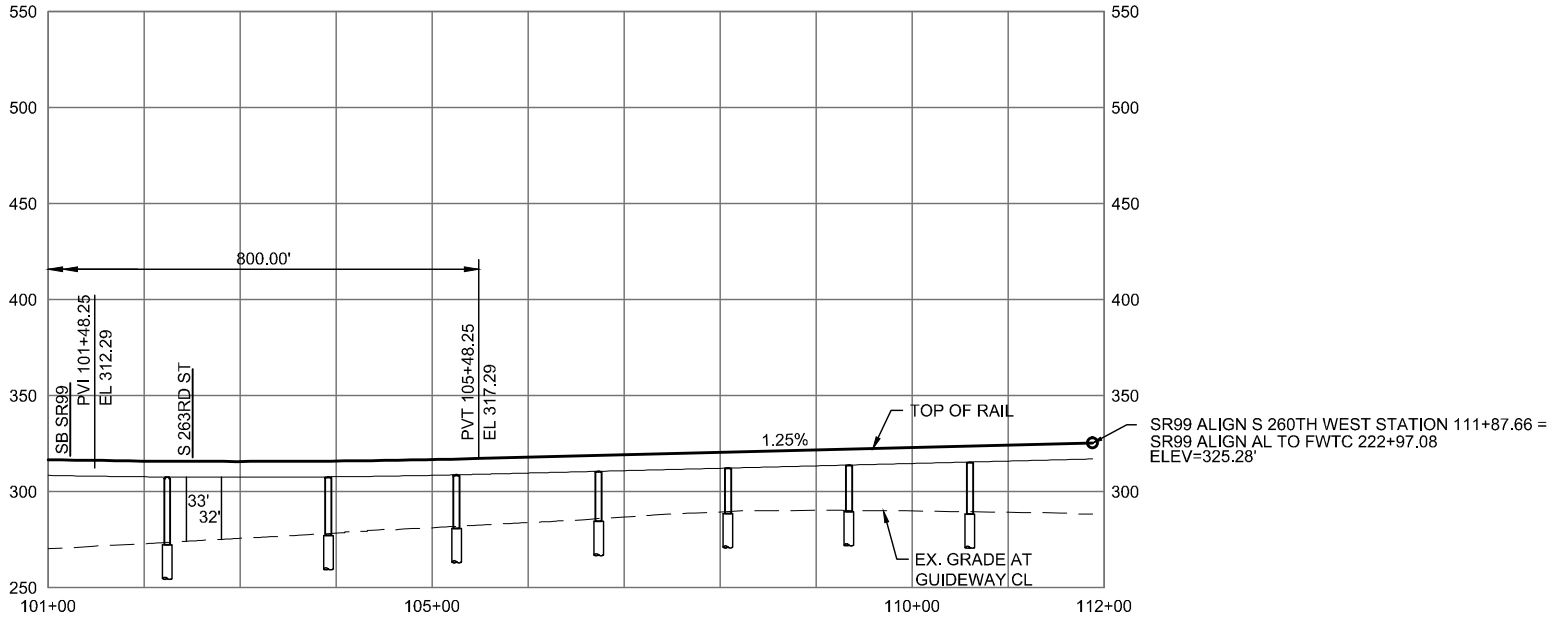
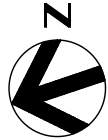
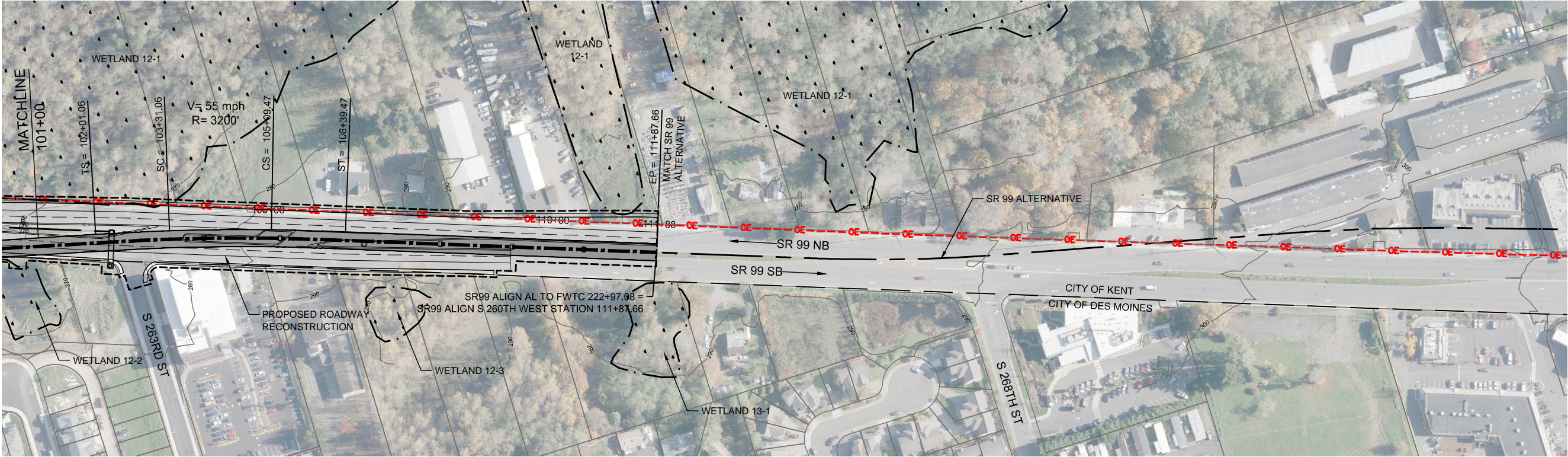
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE & ROADWAY RECONSTRUCTION  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
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APRIL 2015

SR99-G4-PP08  
68



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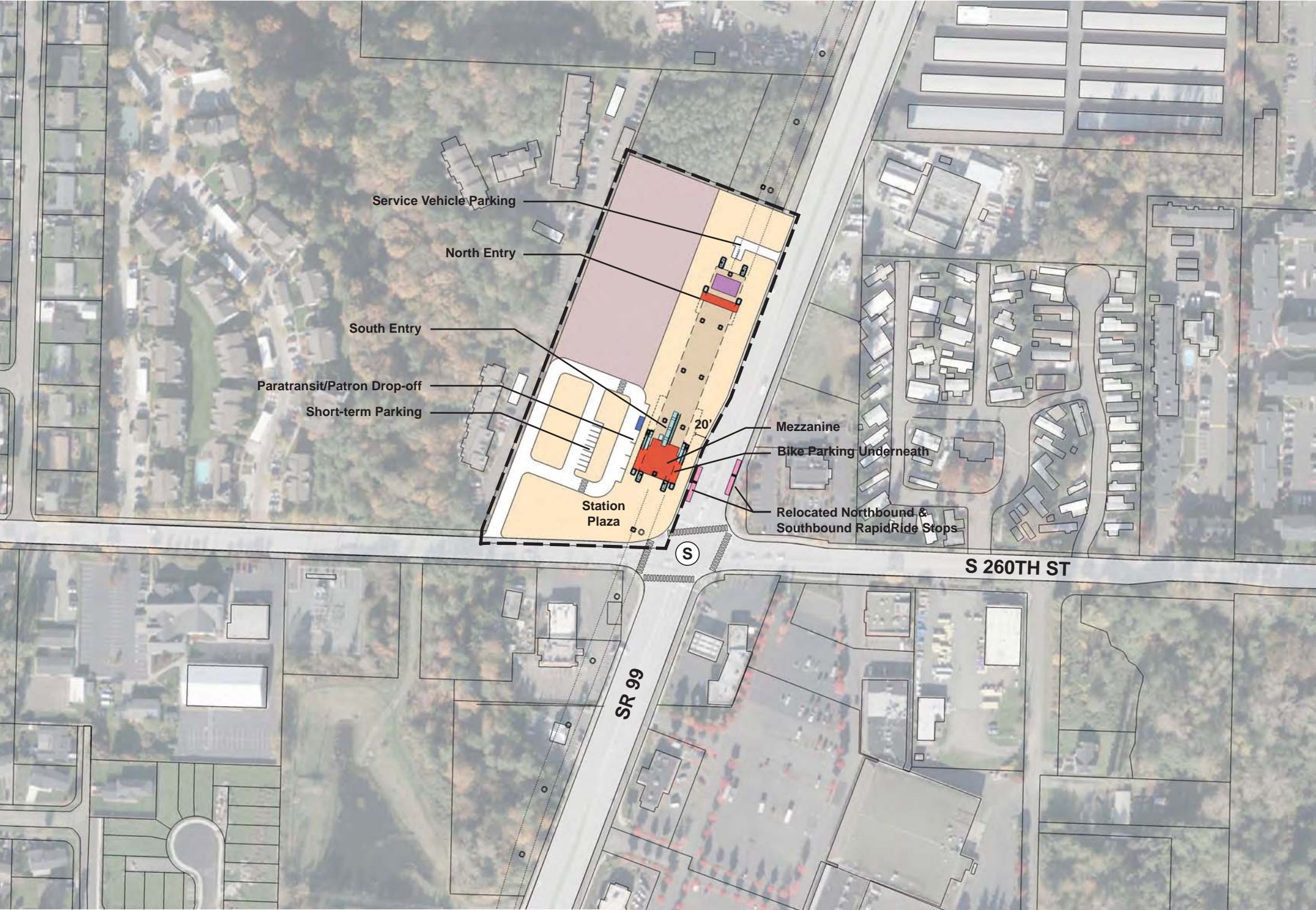
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TRACK PLAN AND PROFILE & ROADWAY RECONSTRUCTION  
S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 101+00 TO STA 111+87.66

APRIL 2015

SR99-G5-PP09  
69



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



ASSUMPTIONS:

<b>S 260th West Station Option</b>	
Alternative(s)	SR 99; I-5 to SR 99
Boardings	1,000
<b>Station Configuration</b>	
Terminus / In-Line	In-Line
Station Type	Side Platform - Elevated
Platform Width	14'
Tail track	N/A
Crossover	TBD
TPSS	No
<b>Program</b>	
KC Metro Ancillary Spaces (SF)	N/A
ST Ancillary Spaces (SF)	1,200
Total Ancillary Spaces (SF)	1,200
<b>Vertical Circulation</b>	
# of entrances	2
# of escalators	3
# of staircases (patron)	3
# of elevators	5
# of emergency stairs	4
<b>Bus/ Paratransit Facilities</b>	
Bus bays (KCM)	N/A
Bus bays (ST)	N/A
Rapid Ride	On-street at SR 99
Bus layover (KCM)	N/A
Bus layover (ST)	N/A
Paratransit	1 space
Communications Facility	Tier 1
<b>Parking &amp; Amenities</b>	
Bike storage	900 SF
Patron drop-off	2 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	N/A
Service/emerg. vehicle park.	2 spaces, combined
Signal bungalow / TPSS park.	N/A
Patron parking	N/A



DRAFT EIS - CONCEPTUAL DESIGN  
S 260TH WEST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SITE PLAN

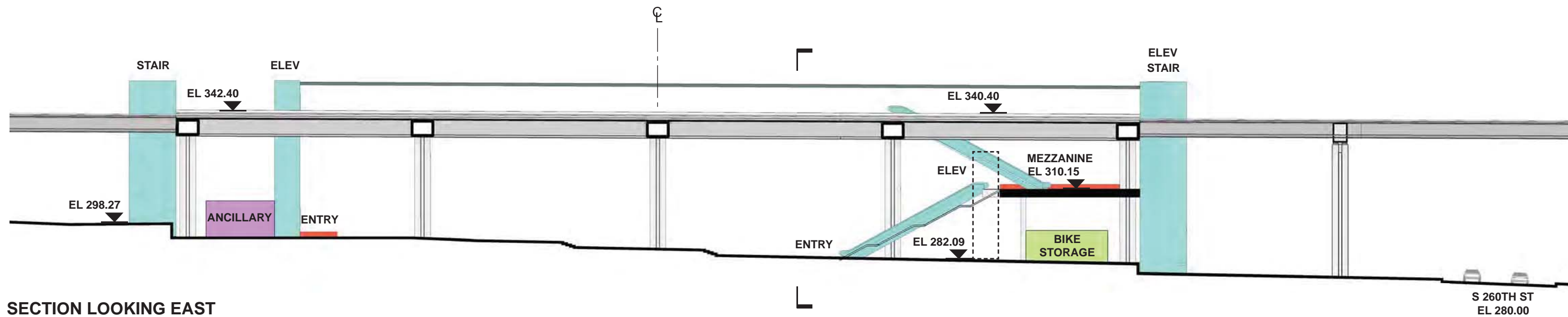
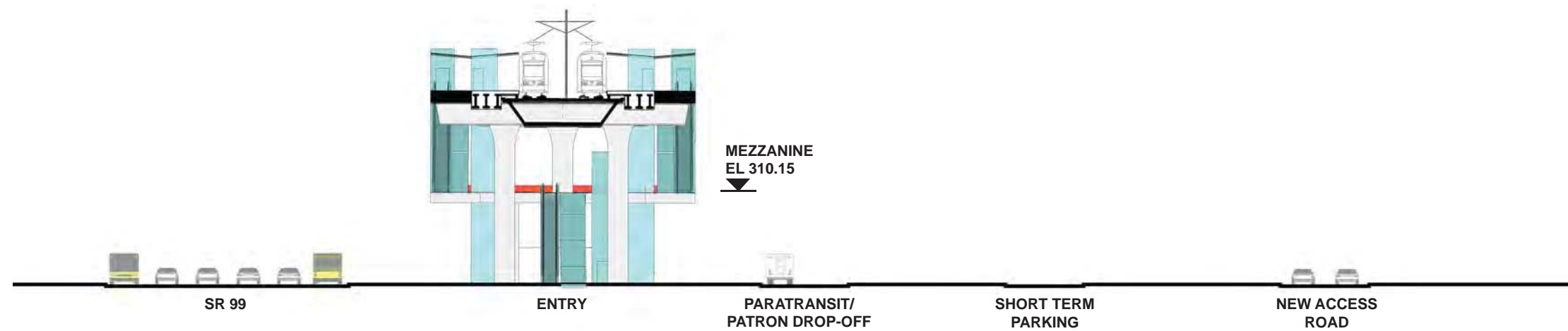
APRIL 2015

FWLE\_S99\_AP013  
70

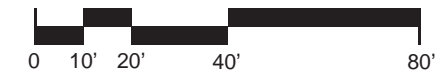




# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- |  |                        |  |                        |
|--|------------------------|--|------------------------|
|  | STATION PLAZA          |  | BUS LAYOVER            |
|  | VERTICAL CIRCULATION   |  | BUS PICK-UP / DROP OFF |
|  | TICKETING / ENTRY HALL |  | PARATRANSIT            |
|  | PLATFORM               |  | BICYCLE STORAGE        |
|  | ANCILLARY SPACES       |  | CONSTRUCTION STAGING   |
|  | TPSS                   |  |                        |



DRAFT EIS - CONCEPTUAL DESIGN  
S 260TH WEST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SECTIONS

APRIL 2015

FWLE\_S99\_AX013

71

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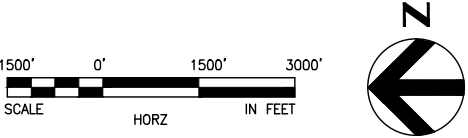


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
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A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED



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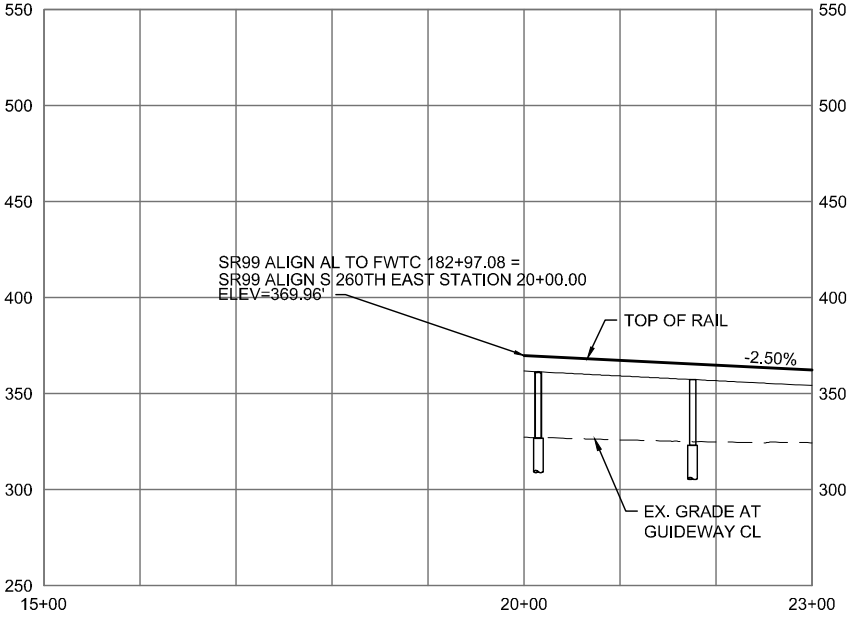
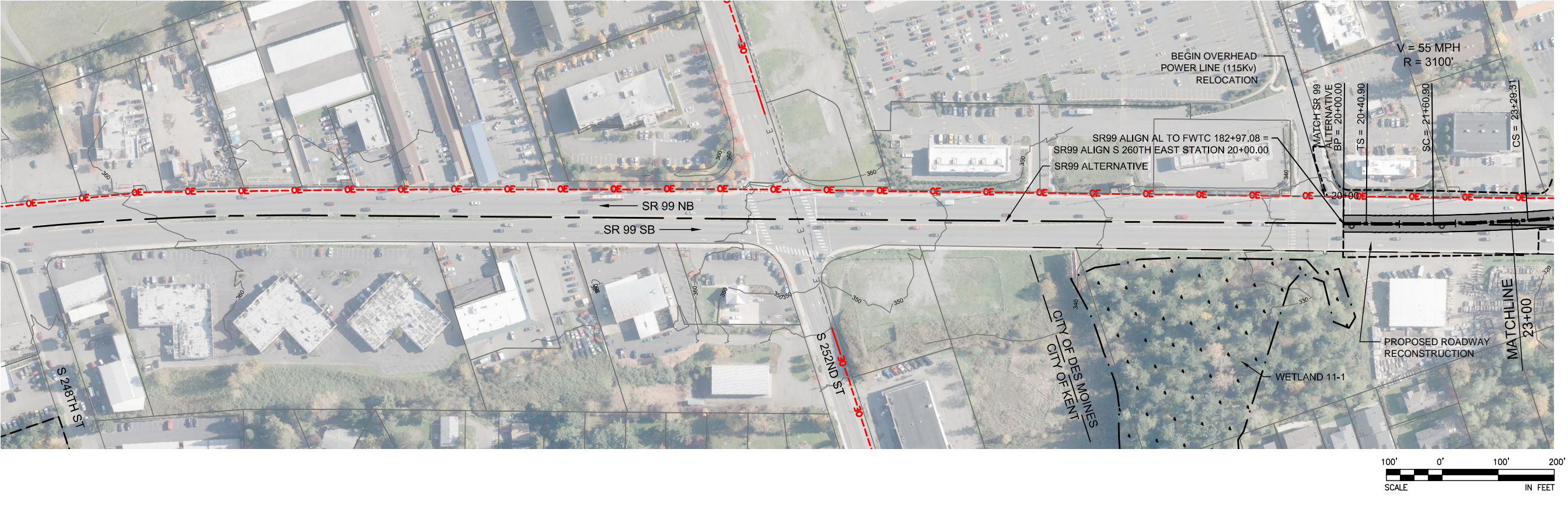
DRAFT EIS - CONCEPTUAL DESIGN  
S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
SHEET INDEX KEYMAP

APRIL 2015

SR99-H00-GX02  
72



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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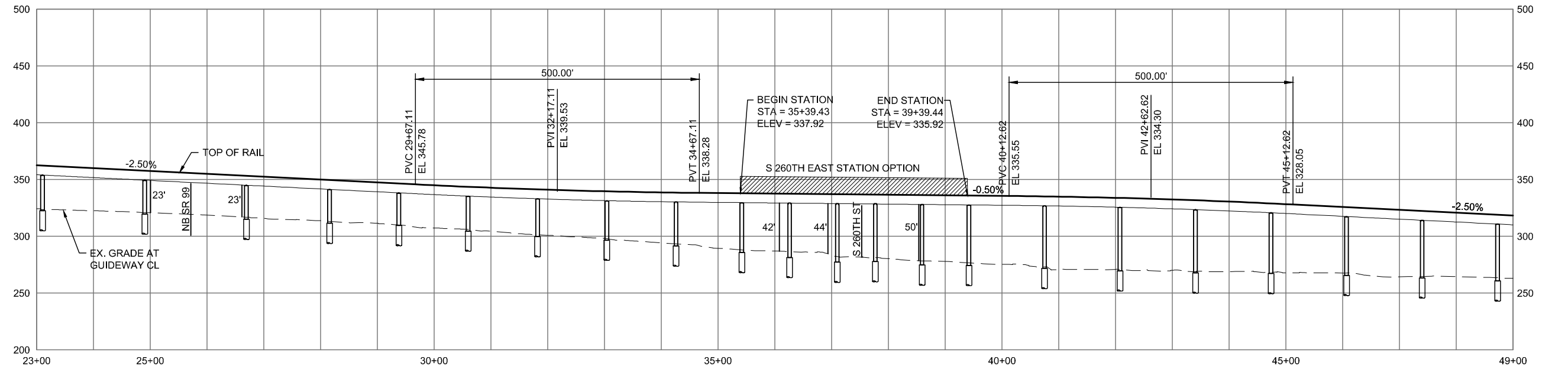
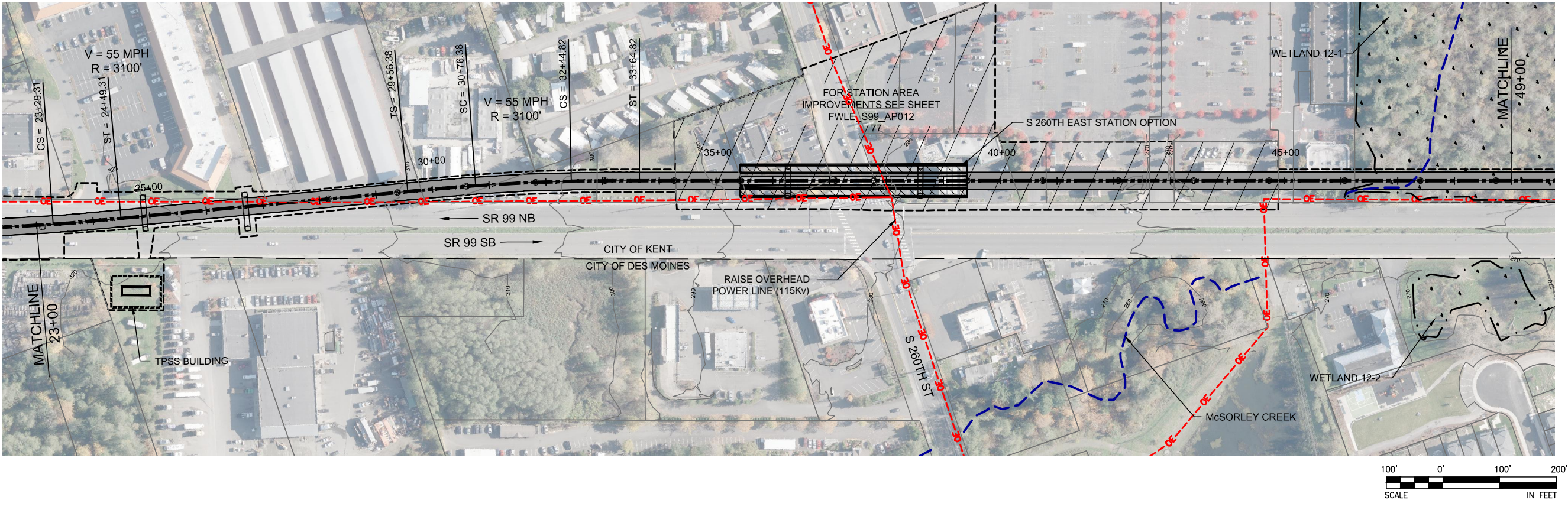
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 20+00 TO STA 23+00

APRIL 2015

SR99-H1-PP07  
73



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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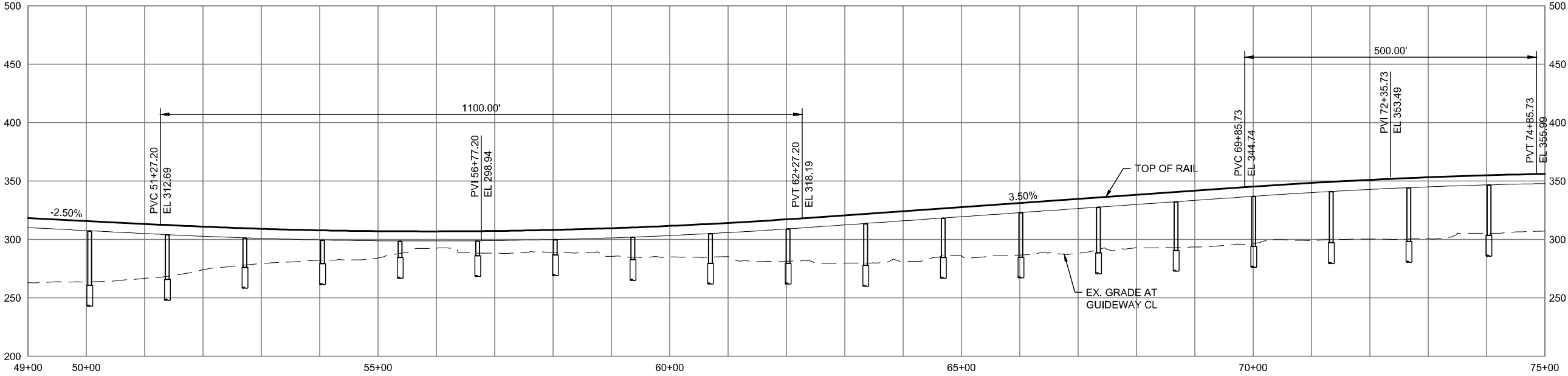
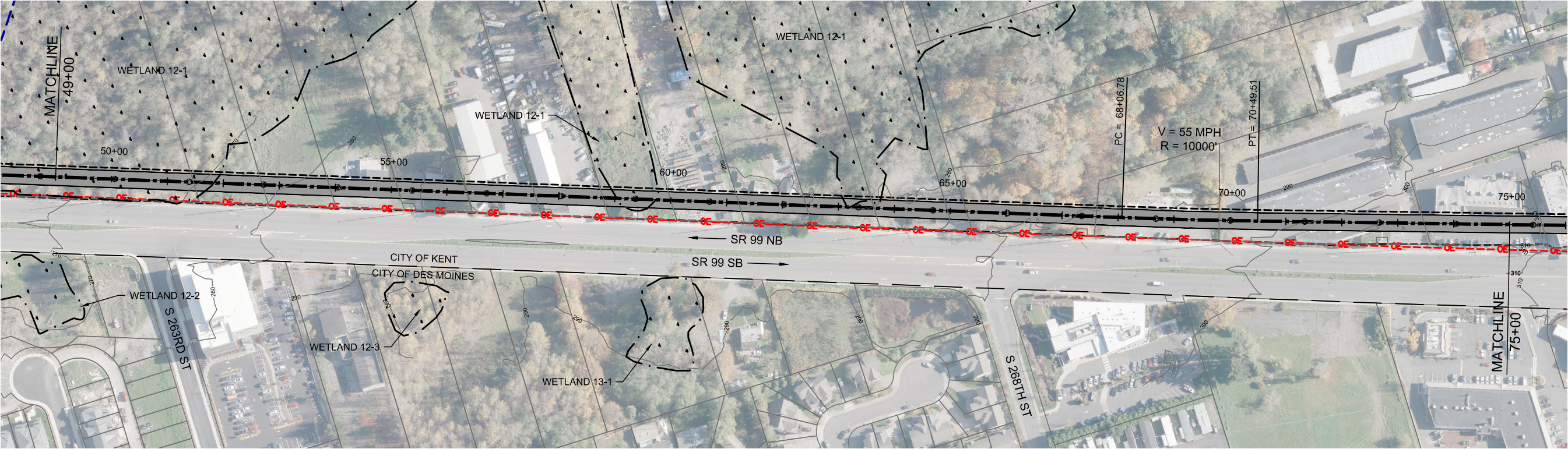
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 23+00 TO STA 49+00

APRIL 2015

SR99-H2-PP08  
74



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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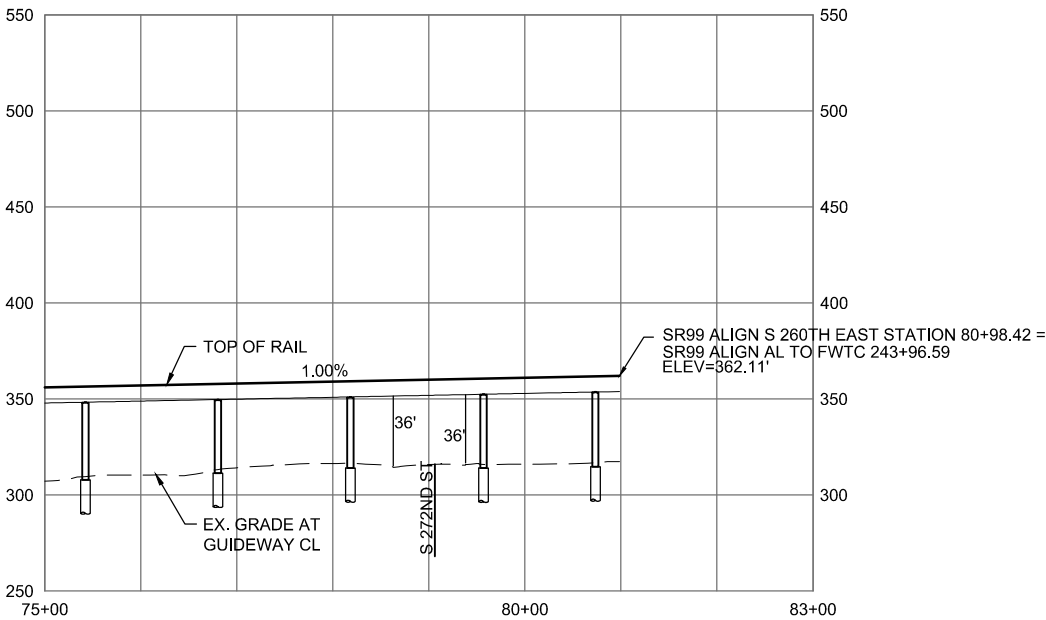
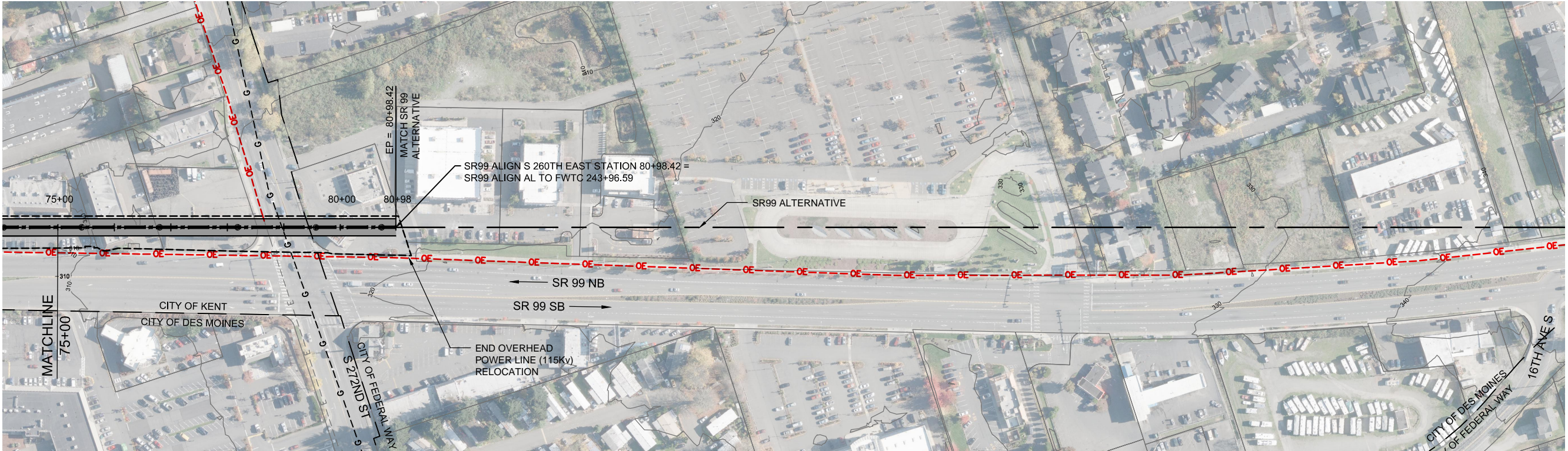
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TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 49+00 TO STA 75+00

APRIL 2015

SR99-H3-PP09  
75



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)  
STA 75+00 TO STA 80+98.42

APRIL 2015

SR99-H4-PP10  
76



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING

- STATION AREA FOOTPRINT

S

SIGNALIZED INTERSECTION (EXISTING)

S

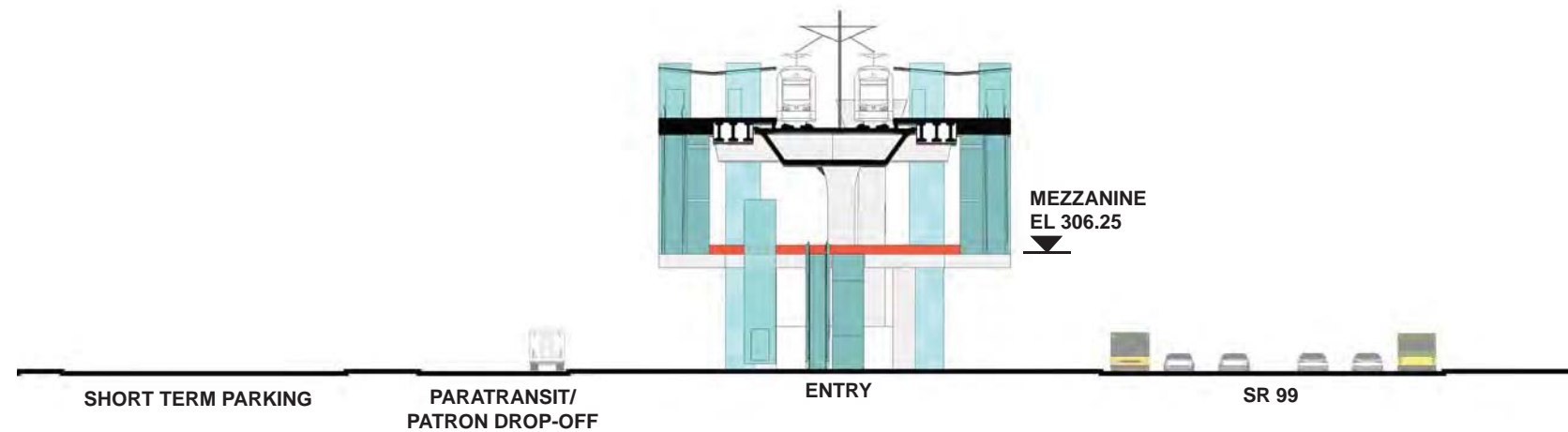
SIGNALIZED INTERSECTION (PROPOSED)

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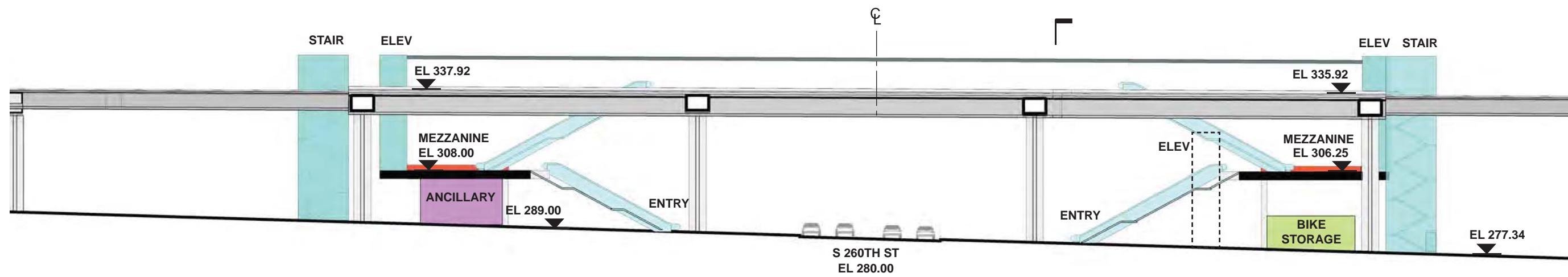
S 260th East Station Option	
Alternative(s)	SR 99; I-5 to SR 99
Boardings	1,000
Station Configuration	
Terminus / In-Line	In-Line
Station Type	Side Platform - Elevated
Platform Width	14'
Tail track	N/A
Crossover	TBD
TPSS	No
Program	
KC Metro Ancillary Spaces (SF)	N/A
ST Ancillary Spaces (SF)	1,200
Total Ancillary Spaces (SF)	1,200
Vertical Circulation	
# of entrances	2
# of escalators	6
# of staircases (patron)	6
# of elevators	6
# of emergency stairs	4
Bus/ Paratransit Facilities	
Bus bays (KCM)	N/A
Bus bays (ST)	N/A
Rapid Ride	On-street at SR 99
Bus layover (KCM)	N/A
Bus layover (ST)	N/A
Paratransit	1 space
Communications Facility	Tier 1
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	2 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	N/A
Service/emerg. vehicle park.	2 spaces, combined
Signal bungalow / TPSS park.	N/A
Patron parking	N/A



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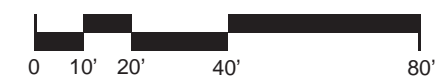


SECTION LOOKING SOUTH



SECTION LOOKING EAST

- |  |                        |  |                        |
|--|------------------------|--|------------------------|
|  | STATION PLAZA          |  | BUS LAYOVER            |
|  | VERTICAL CIRCULATION   |  | BUS PICK-UP / DROP OFF |
|  | TICKETING / ENTRY HALL |  | PARATRANSIT            |
|  | PLATFORM               |  | BICYCLE STORAGE        |
|  | ANCILLARY SPACES       |  | CONSTRUCTION STAGING   |
|  | TPSS                   |  |                        |



DRAFT EIS - CONCEPTUAL DESIGN  
S 260TH EAST STATION OPTION  
(POTENTIAL ADDITIONAL STATION)  
SECTIONS

APRIL 2015  
FWLE\_S99\_AX012  
78

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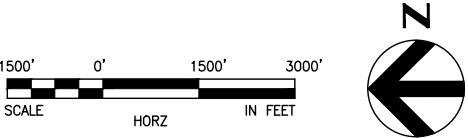


SOUND TRANSIT FEDERAL WAY LINK EXTENSION



SR99 SHEET LAYOUT MATRIX																
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A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED



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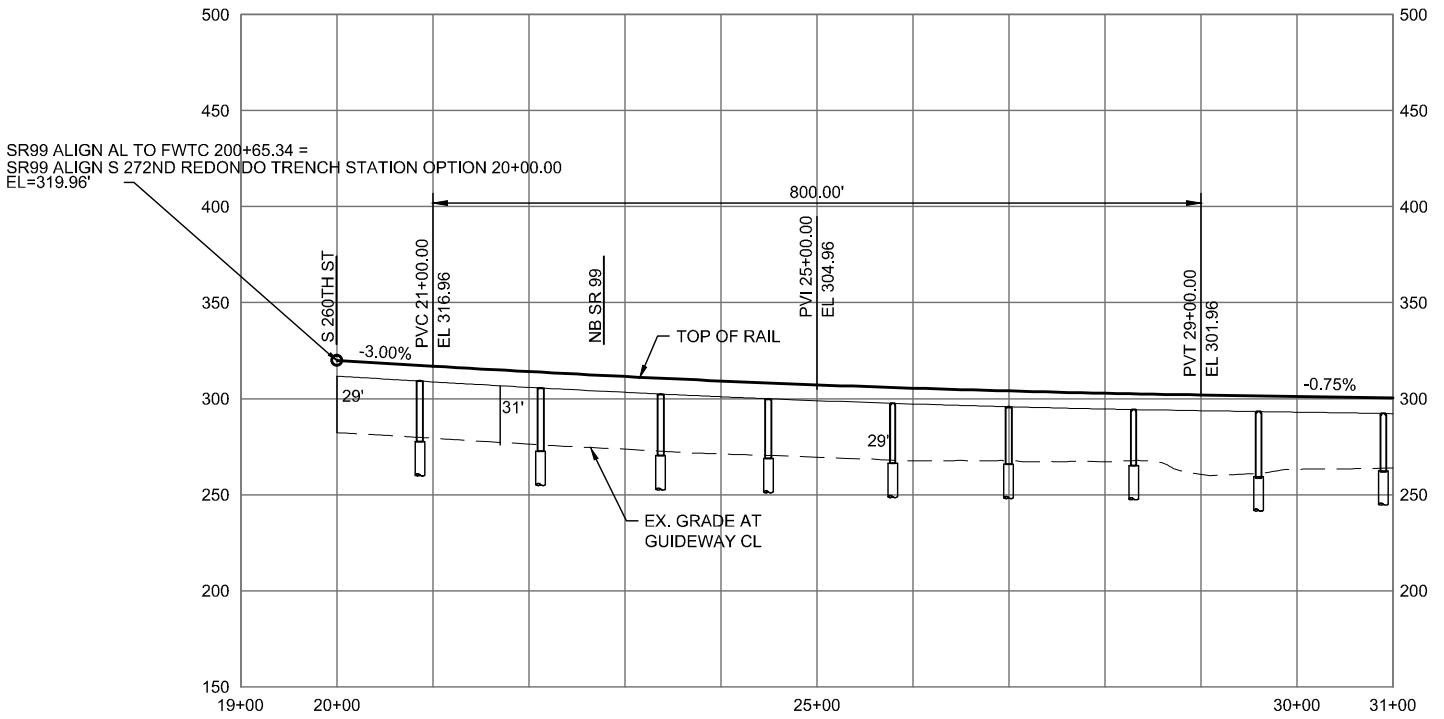
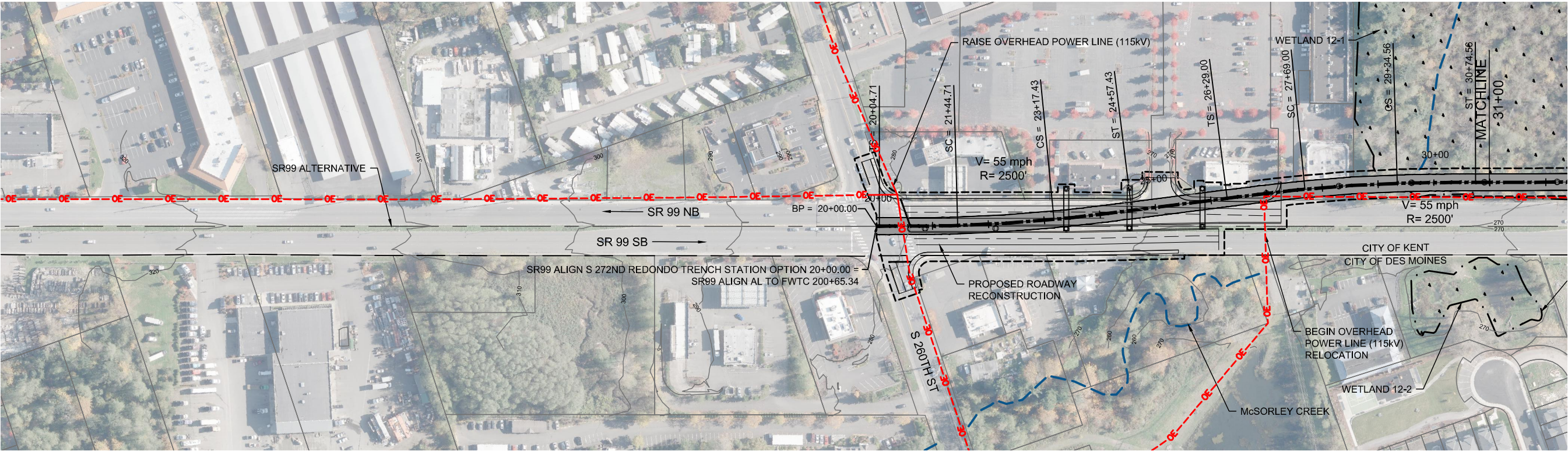
DRAFT EIS - CONCEPTUAL DESIGN  
S 272ND REDONDO TRENCH STATION OPTION  
SHEET INDEX KEYMAP

APRIL 2015

SR99-J00-GX02  
79



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 20+00 TO STA 31+00

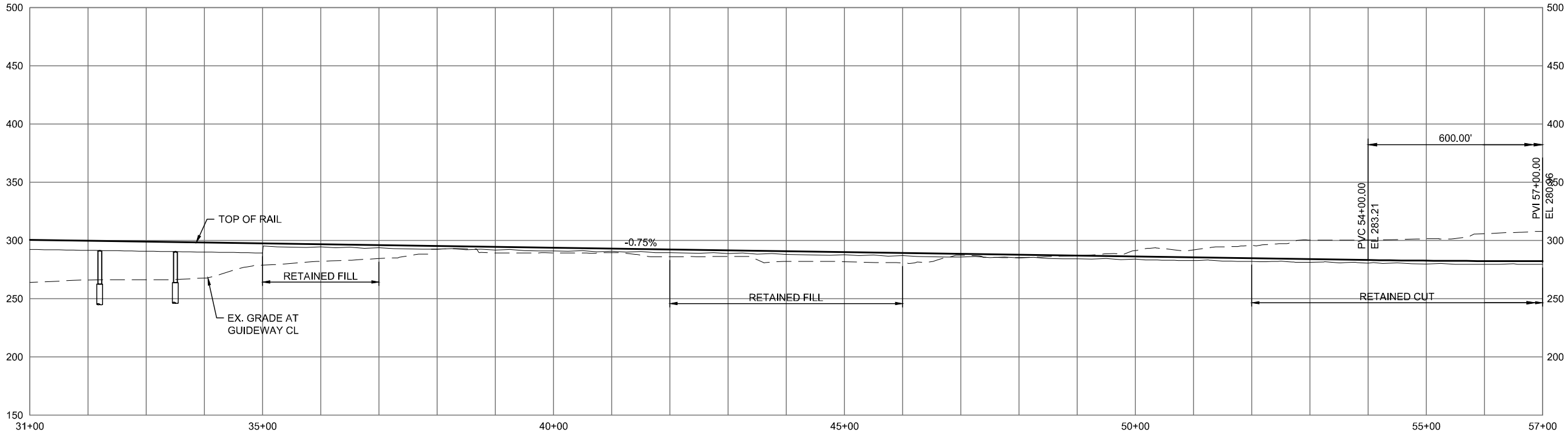
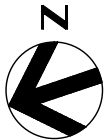
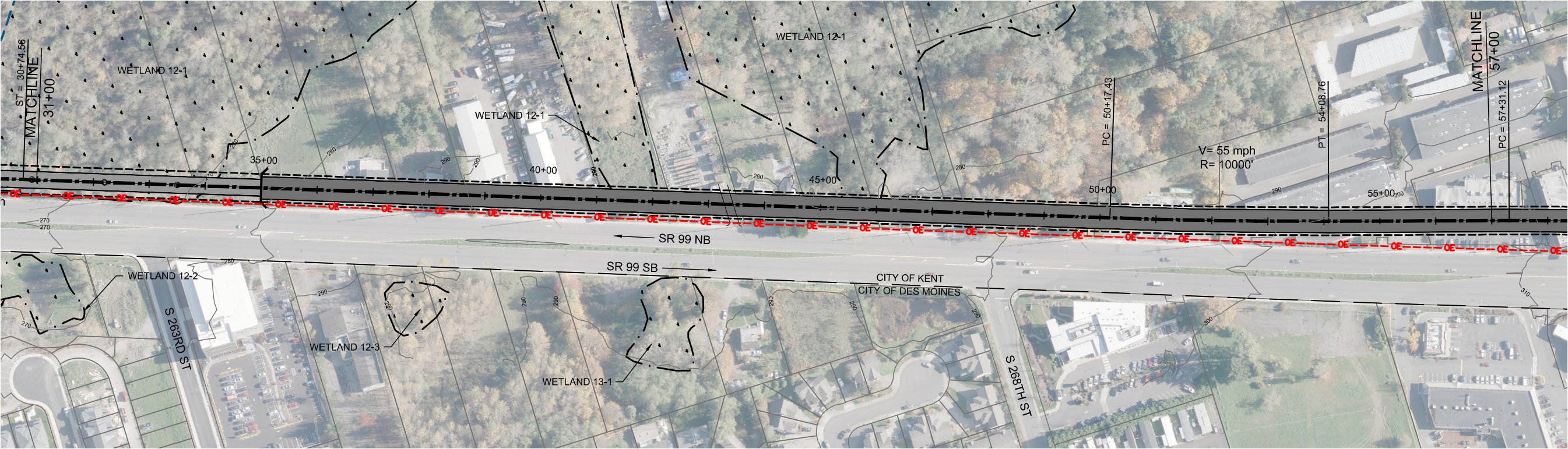


APRIL 2015

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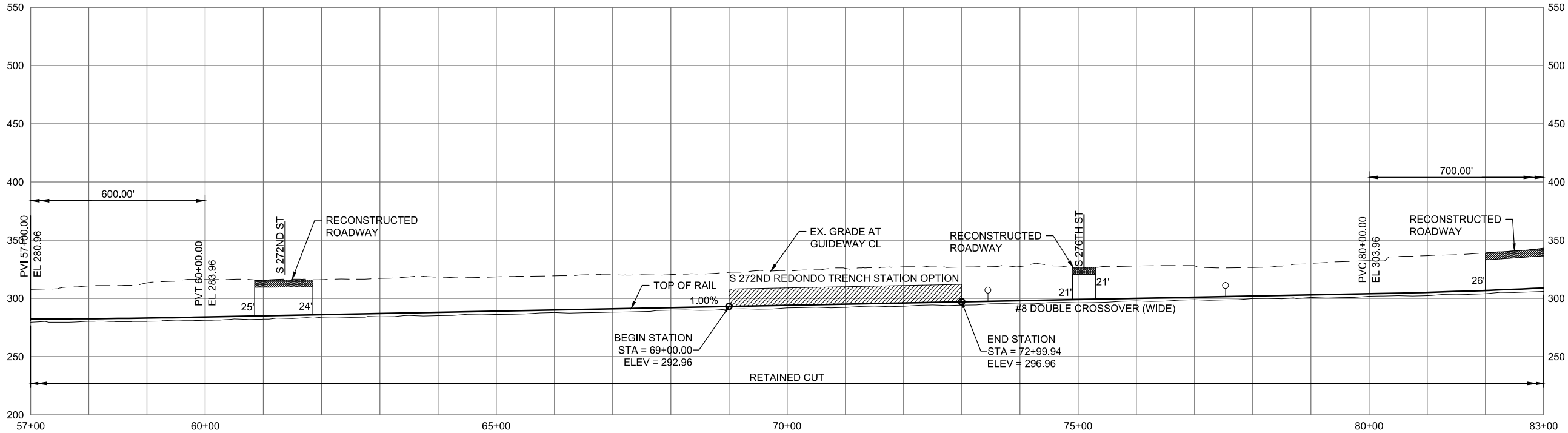
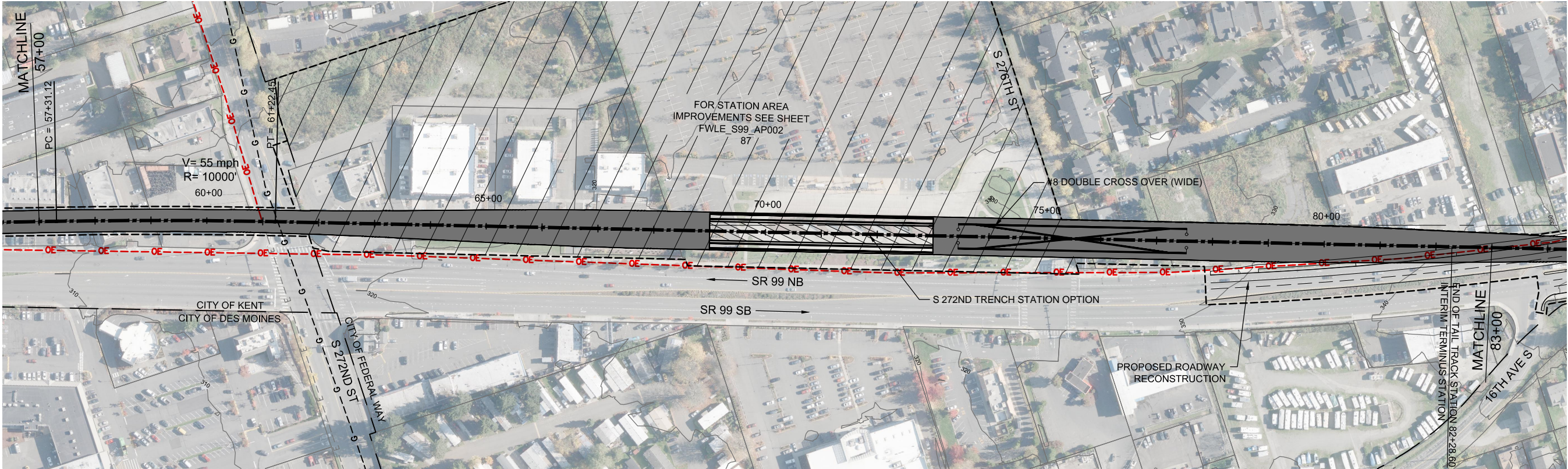
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TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 31+00 TO STA 57+00

APRIL 2015

SR99-J2-PP09  
81



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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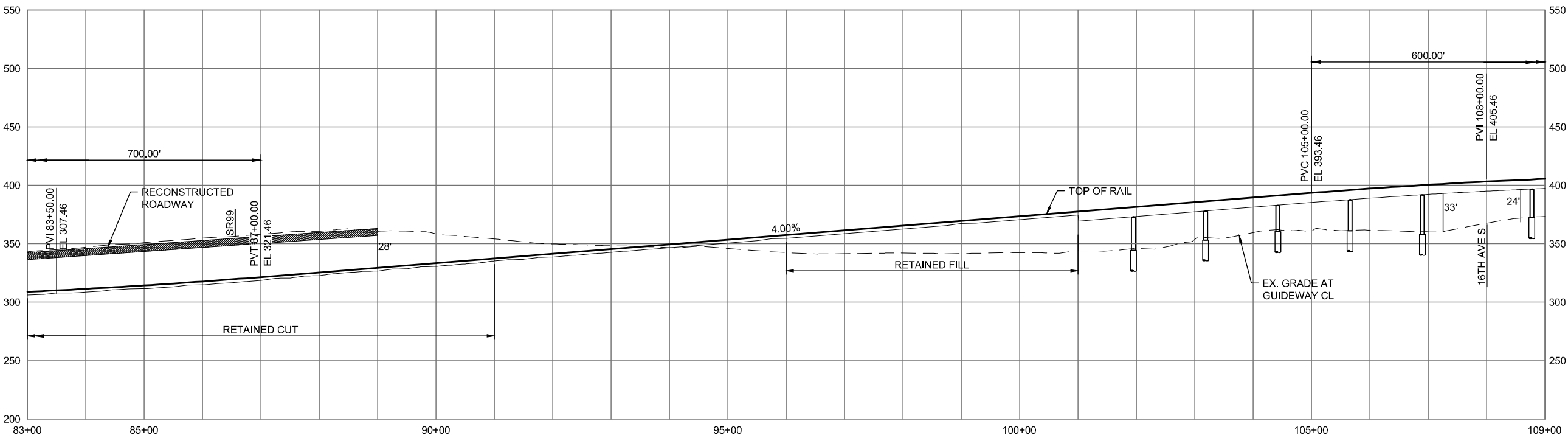
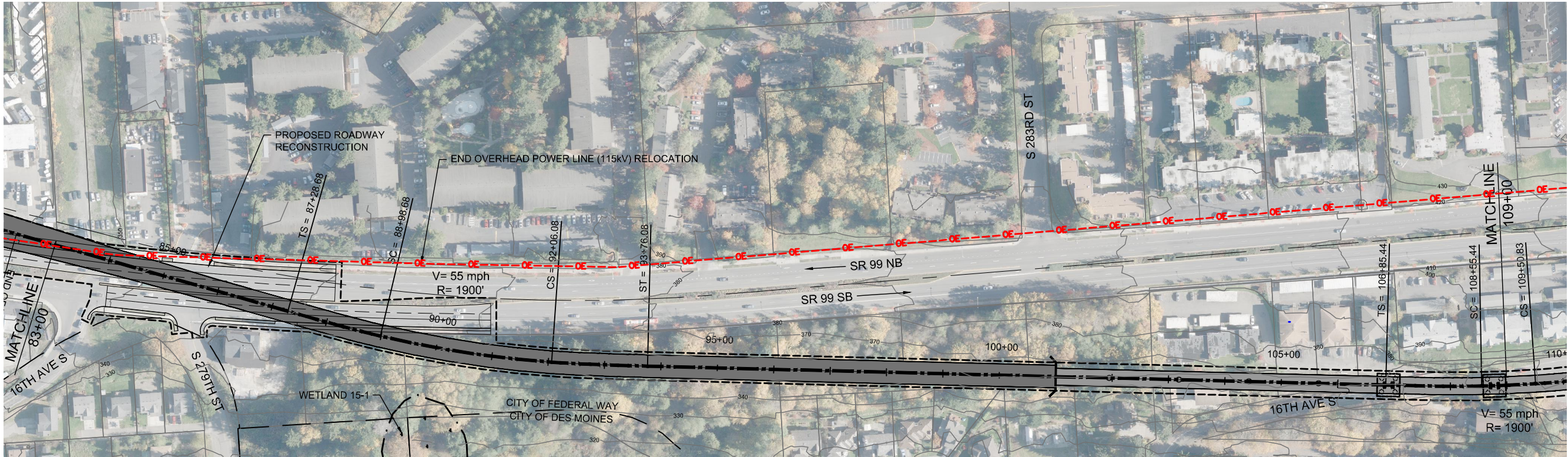
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 57+00 TO STA 83+00

APRIL 2015

SR99-J3-PP10  
82



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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C:\OX



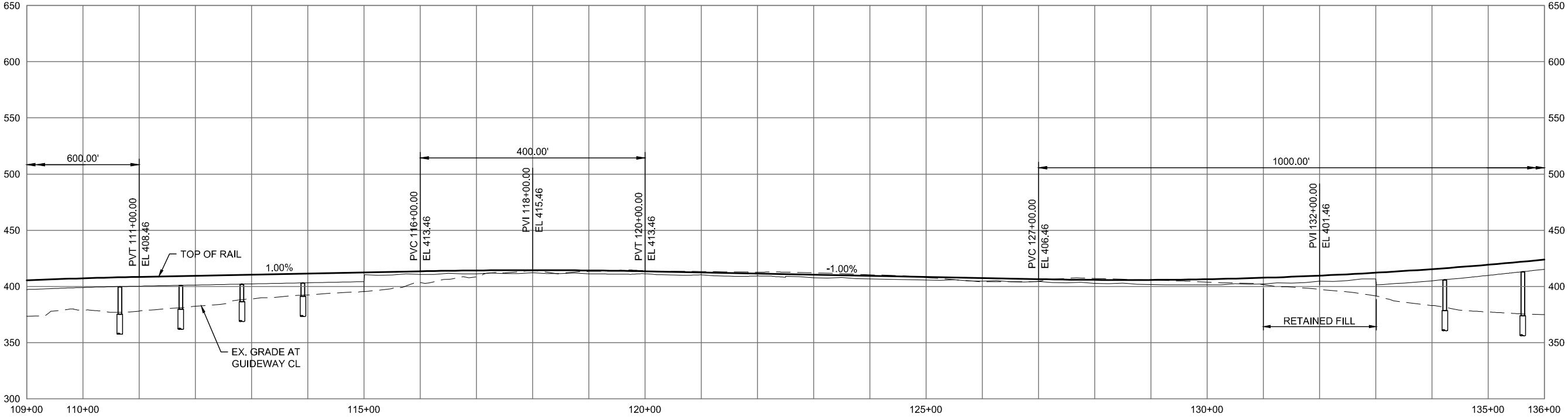
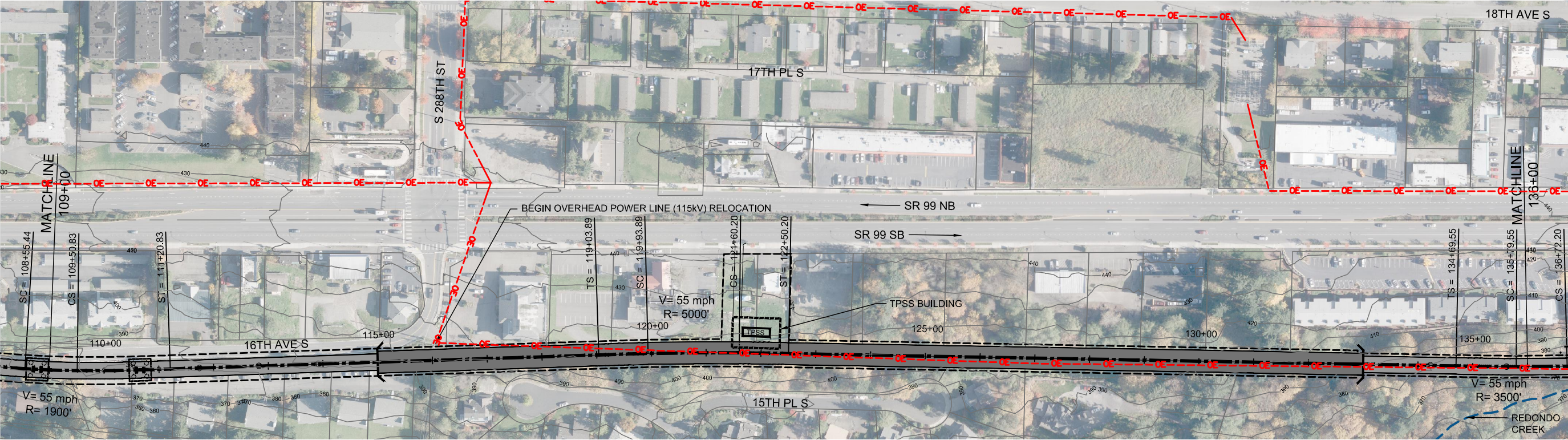
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 83+00 TO STA 109+00

APRIL 2015

SR99-J4-PP11  
83



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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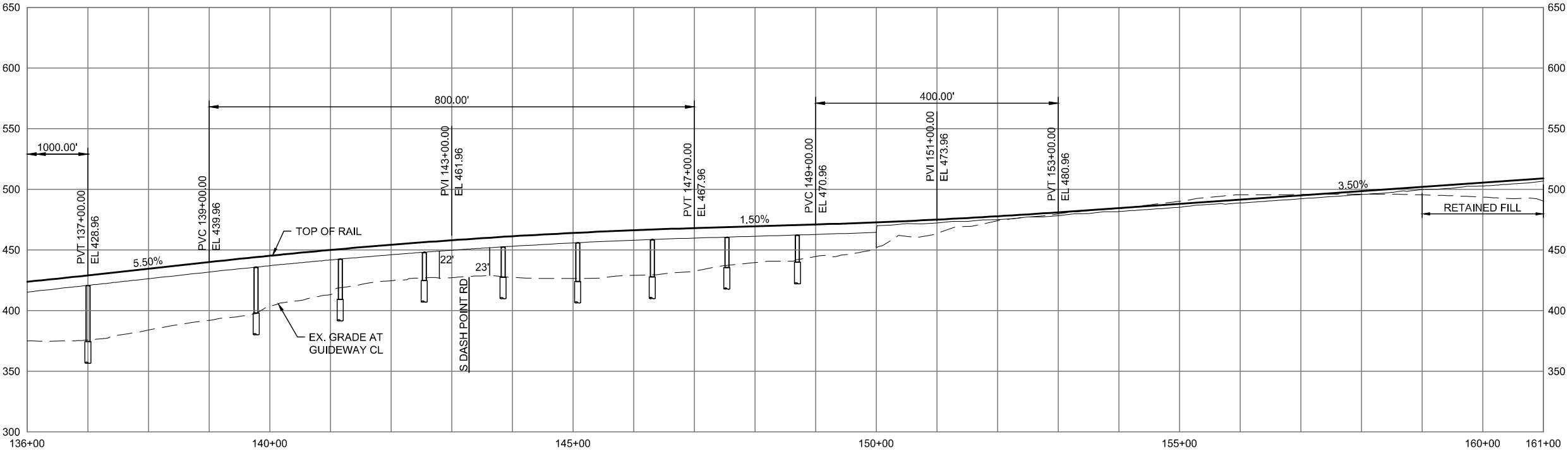
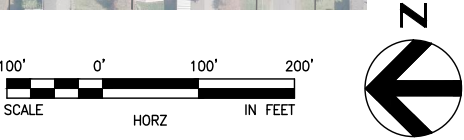
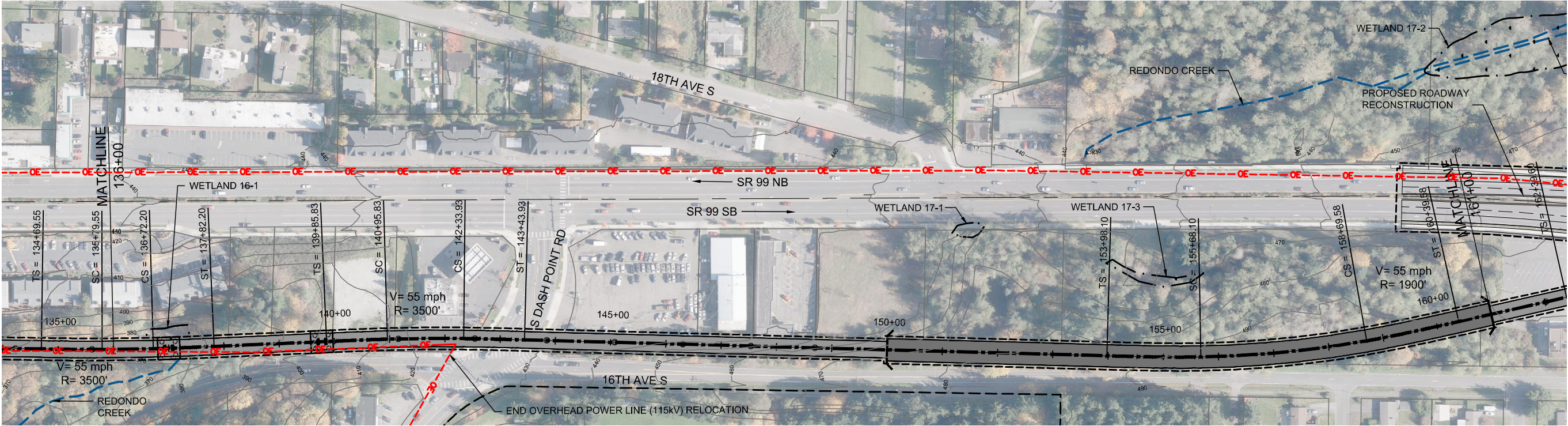
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 109+00 TO STA 136+00

APRIL 2015

SR99-J5-PP12  
84



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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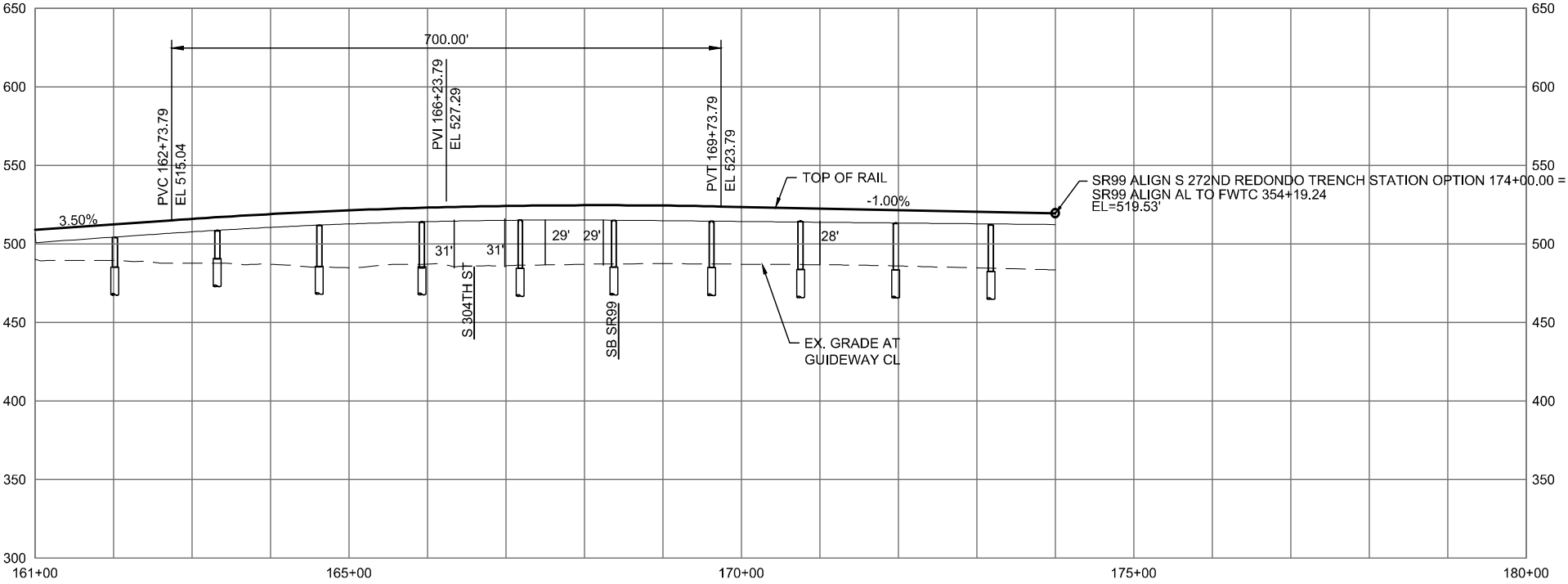
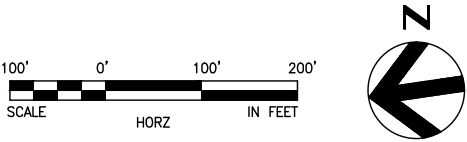
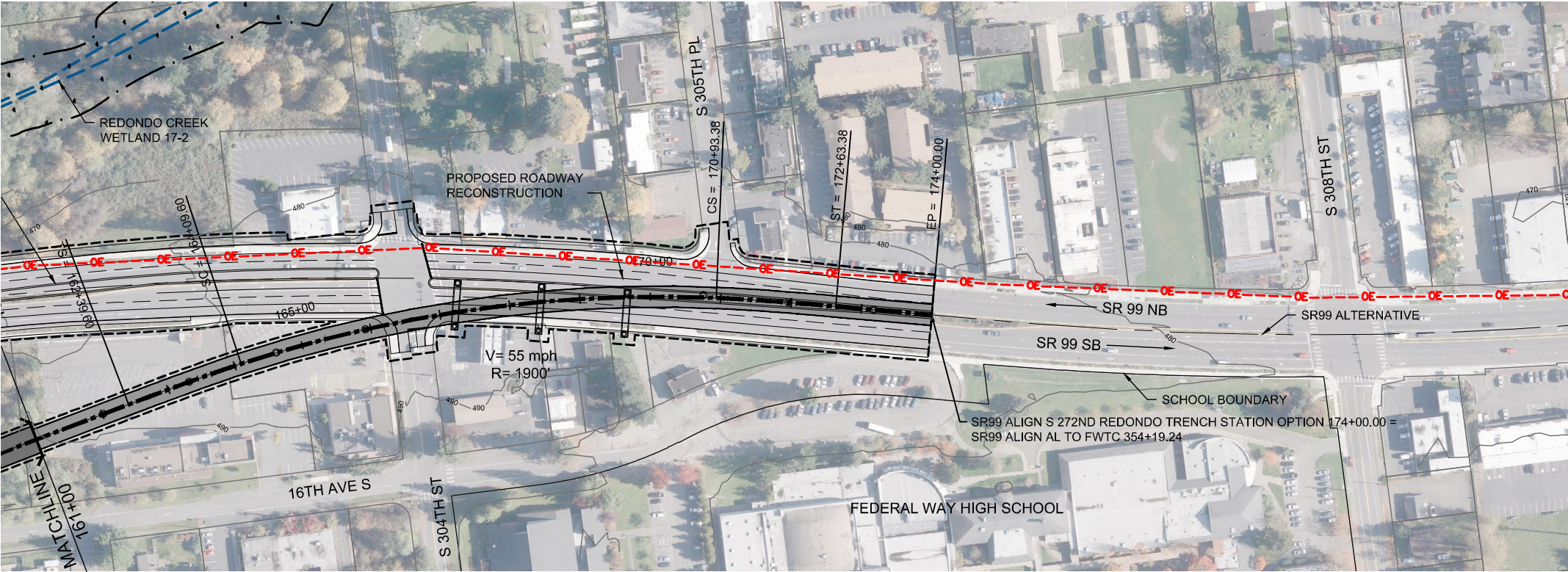
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 136+00 TO STA 161+00

APRIL 2015

SR99-J6-PP13  
85



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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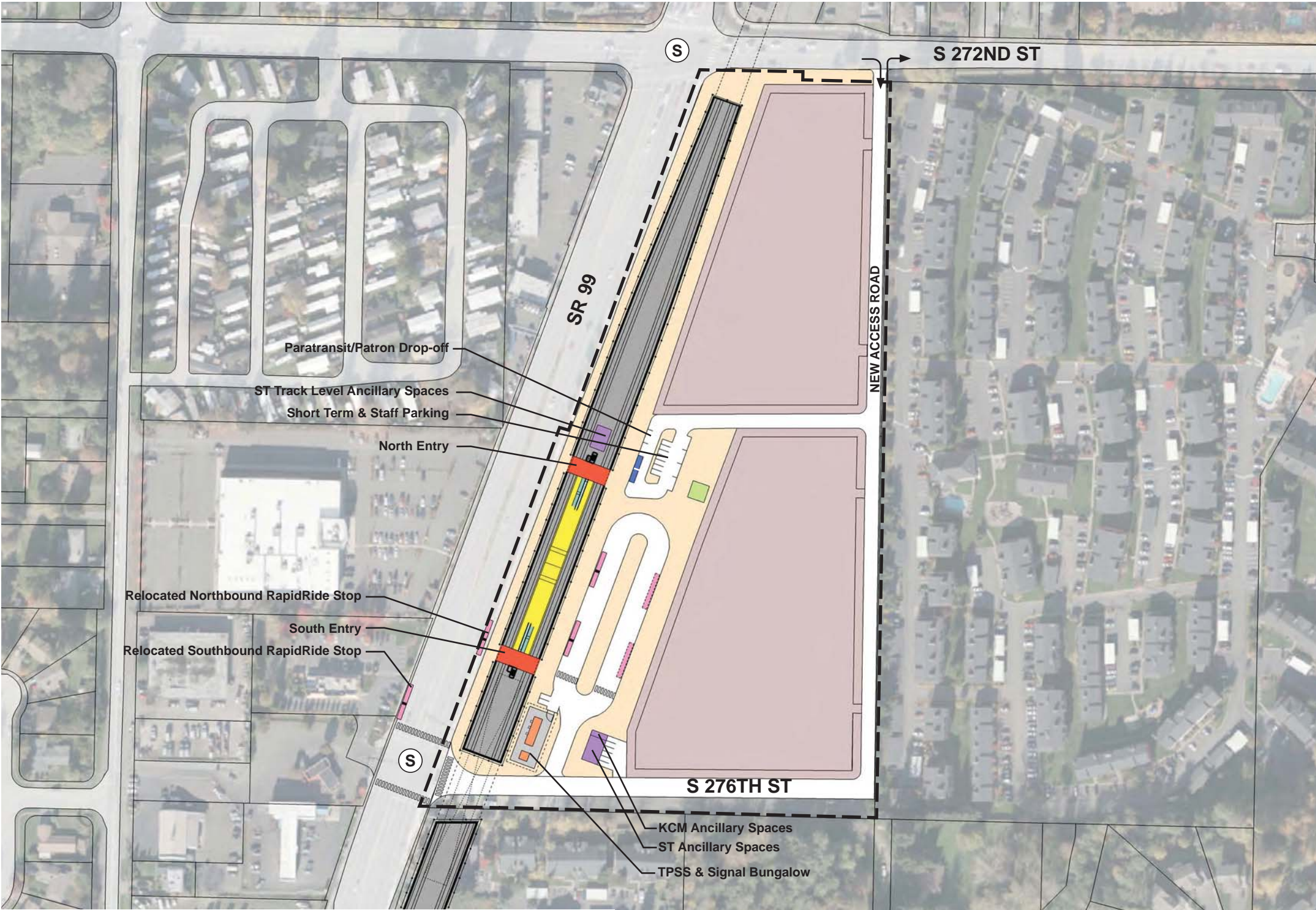
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN AND PROFILE  
S 272ND REDONDO TRENCH STATION OPTION  
STA 161+00 TO STA 174+00

APRIL 2015

SR99-J7-PP14  
86



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS

BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING / PARKING

STATION AREA FOOTPRINT

SIGNALIZED INTERSECTION (EXISTING)

SIGNALIZED INTERSECTION (PROPOSED)

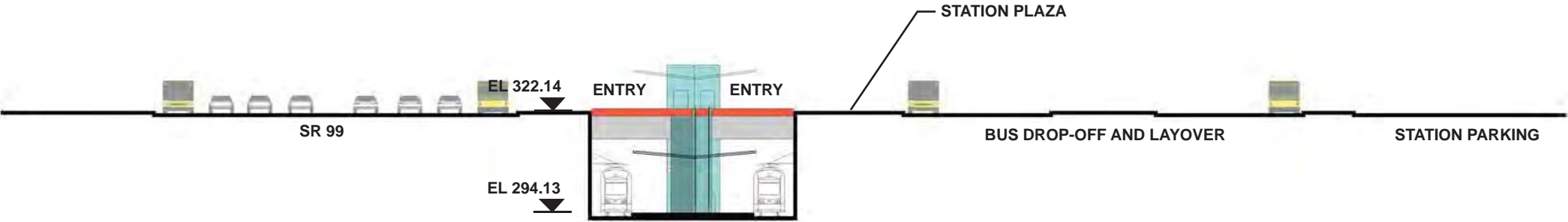
ASSUMPTIONS:

S 272nd Redondo Trench Station Option	
Alternative(s)	SR 99
Boardings	1,500
Boardings (interim terminus)	3,500
Station Configuration	
Terminus / In-Line	Interim Terminus
Station Type	Center Platform - Trench
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Total Ancillary Spaces (SF)	2,000
Vertical Circulation	
# of entrances	2
# of escalators	2
# of staircases (patron)	2
# of elevators	2
# of emergency stairs	2
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	N/A
Rapid Ride	On-street at SR 99
Bus layover (KCM)	2 bays, one 60' coach each
Bus layover (ST)	N/A
Paratransit	1 permanent, 1 interim
Communications Facility	Tier 2
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Existing patron parking	700 spaces
Additional patron parking	700 spaces
Total proposed patron parking	1400 spaces (structure)

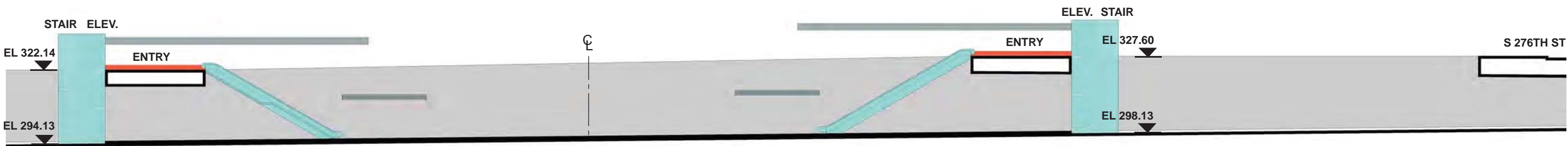




# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

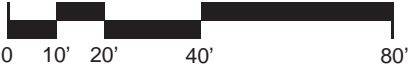


SECTION LOOKING NORTH



SECTION LOOKING EAST

- |  |                        |  |                                |
|--|------------------------|--|--------------------------------|
|  | STATION PLAZA          |  | BUS LAYOVER                    |
|  | VERTICAL CIRCULATION   |  | BUS PICK-UP / DROP OFF         |
|  | TICKETING / ENTRY HALL |  | PARATRANSIT                    |
|  | PLATFORM               |  | BICYCLE STORAGE                |
|  | ANCILLARY SPACES       |  | CONSTRUCTION STAGING / PARKING |
|  | TPSS                   |  |                                |





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



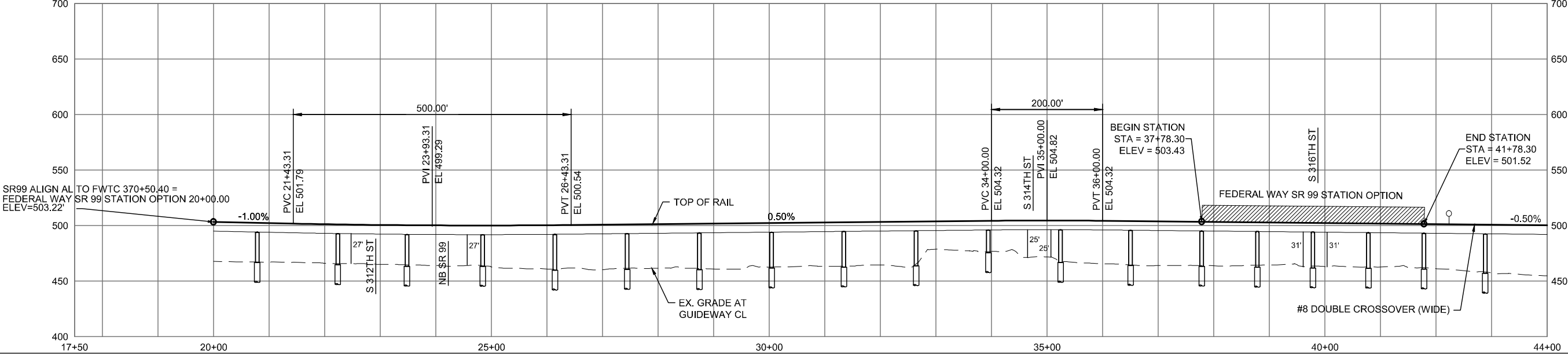
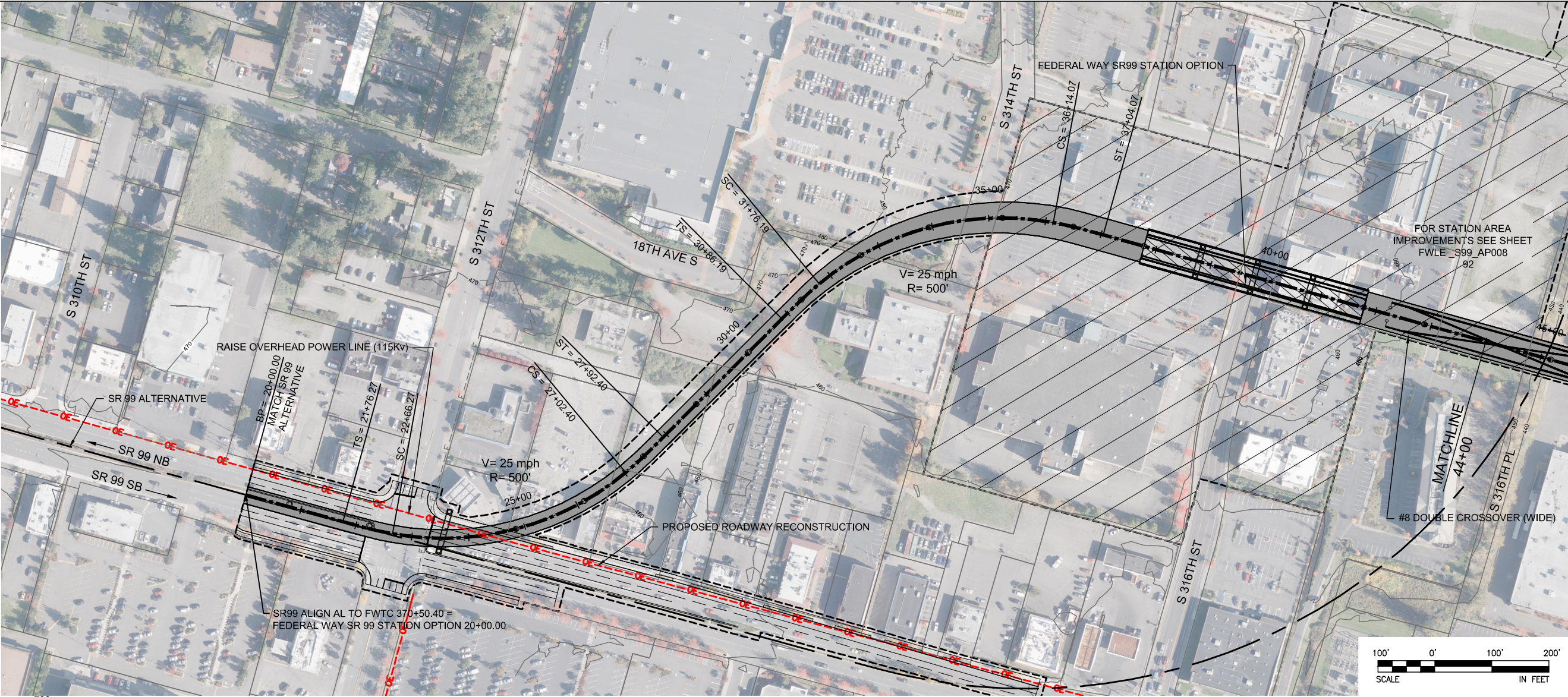
SR99 SHEET LAYOUT MATRIX																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A - SR 99 ALTERNATIVE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
B - S 216TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)	X	X	X													
C - S 216TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)		X	X													
D - KENT/DES MOINES SR 99 MEDIAN STATION OPTION				X	X	X										
E - KENT/DES MOINES SR 99 EAST STATION OPTION				X	X	X	X									
F - KENT/DES MOINES HC CAMPUS STATION OPTION			X	X	X	X	X									
F - KDM HC CAMPUS OPTION FROM S 216TH WEST STATION OPTION						X	X	X	X	X						
G - S 260TH WEST STATION OPTION (POTENTIAL ADDITIONAL STATION)					X	X	X	X	X							
H - S 260TH EAST STATION OPTION (POTENTIAL ADDITIONAL STATION)							X	X	X	X						
J - S 272ND REDONDO TRENCH STATION OPTION								X	X	X	X	X	X	X		
K - FEDERAL WAY SR 99 STATION OPTION															X	X

I - NOT USED





SOUND TRANSIT FEDERAL WAY LINK EXTENSION



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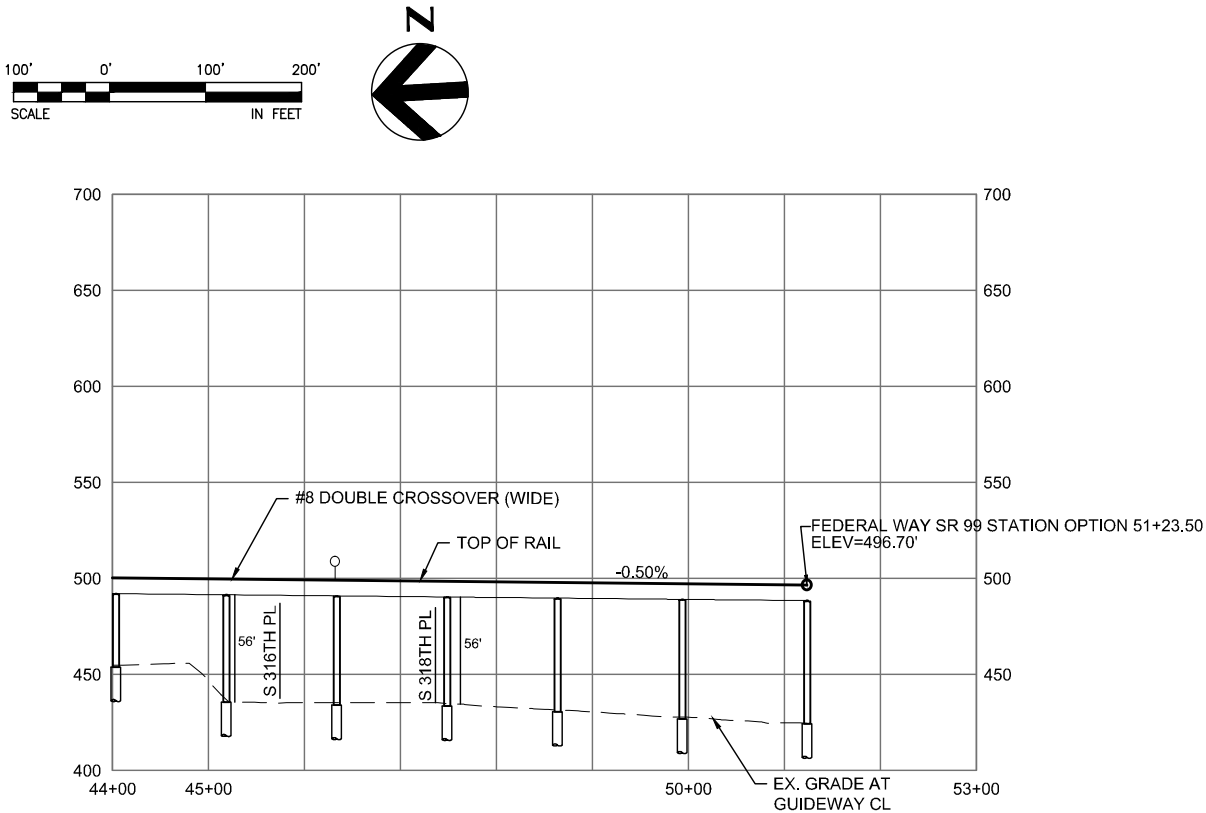
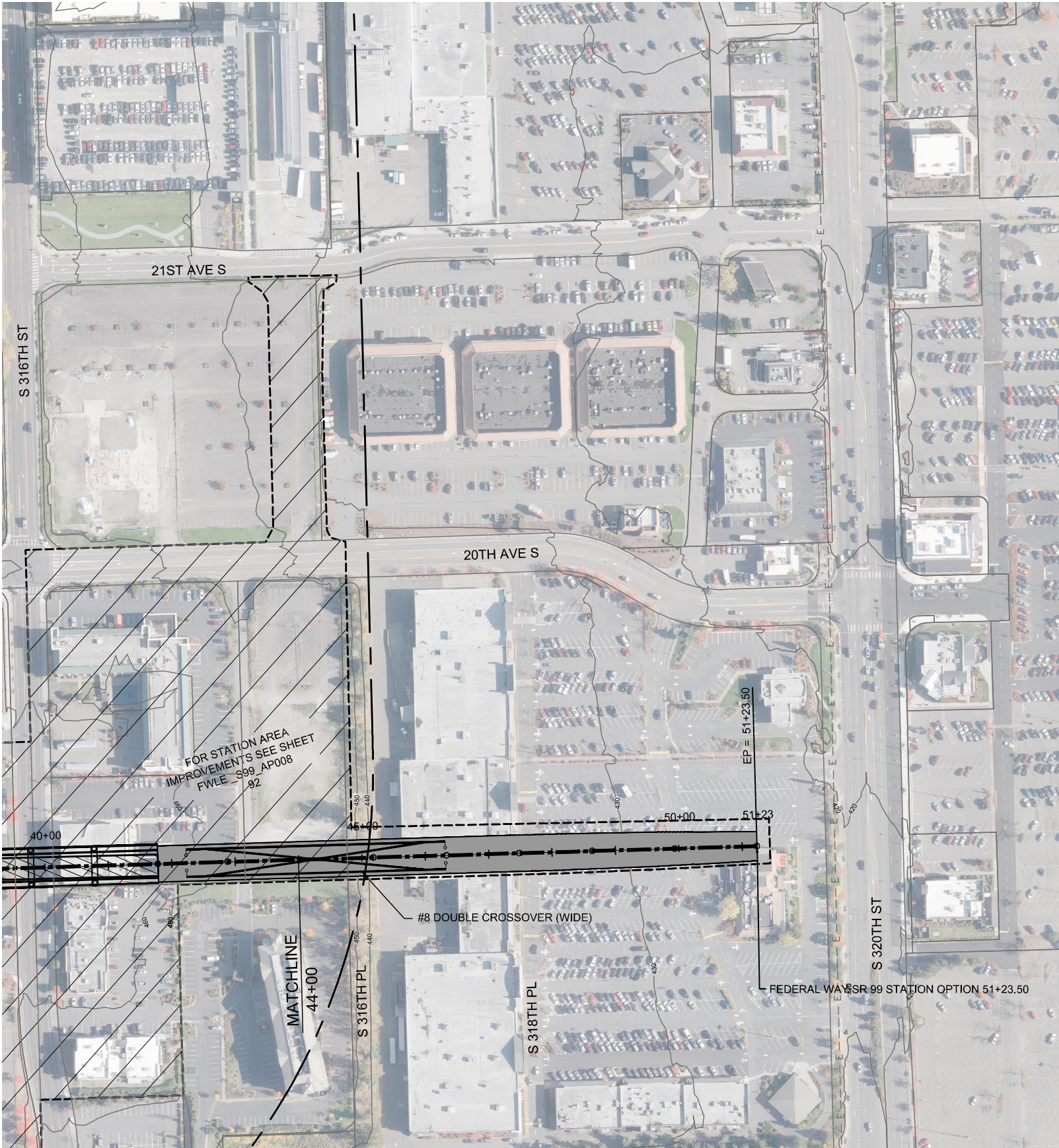
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
FEDERAL WAY SR99 STATION OPTION  
STA 20+00 TO STA 44+00

APRIL 2015

SR99-K1-PP15  
90



# SOUND TRANSIT FEDERAL WAY LINK EXTENSION



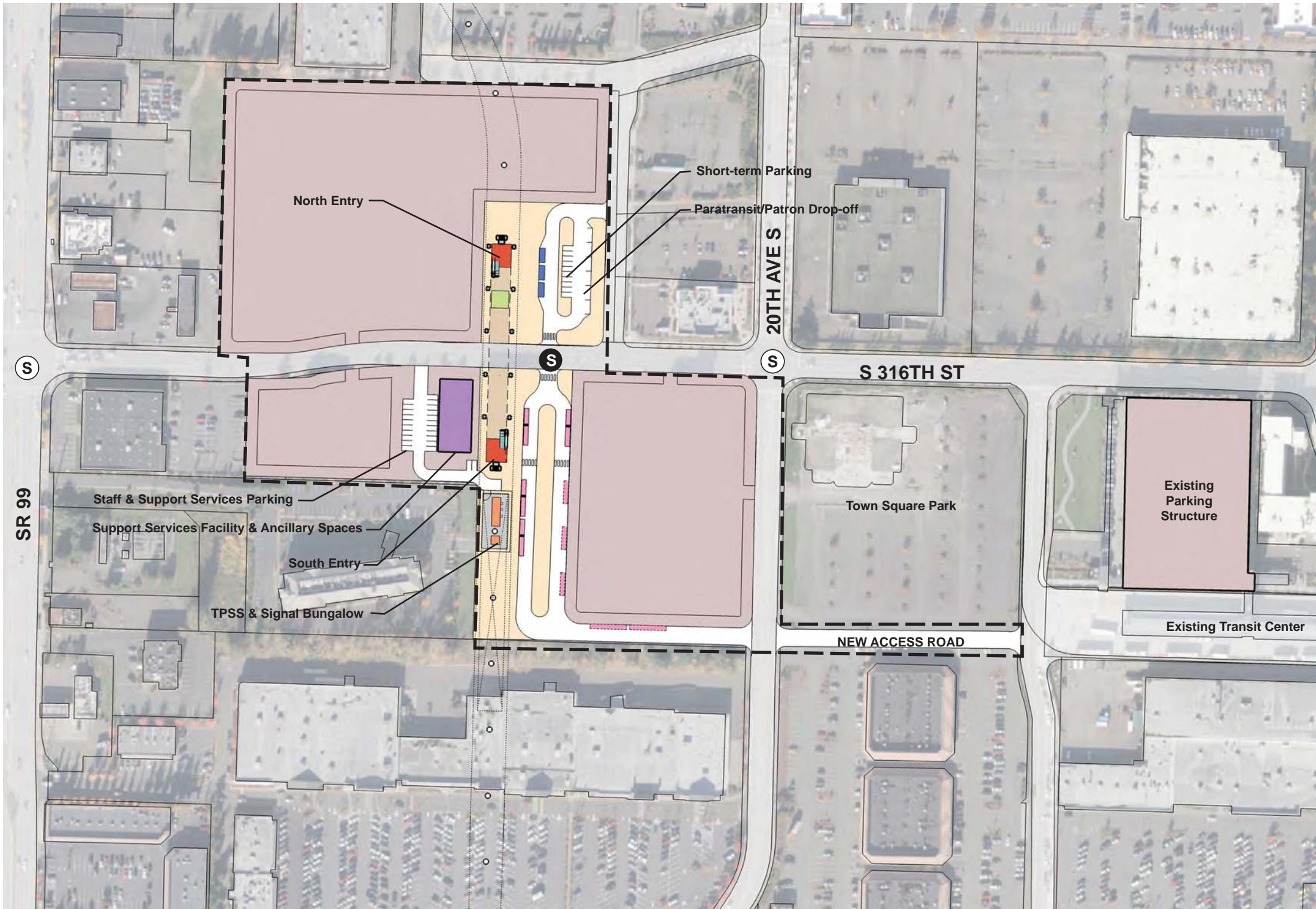
DRAFT EIS - CONCEPTUAL DESIGN  
TRACK PLAN & PROFILE AND ROADWAY RECONSTRUCTION  
FEDERAL WAY SR 99 STATION OPTION  
STA 44+00 TO STA 51+23.50



APRIL 2015



SOUND TRANSIT FEDERAL WAY LINK EXTENSION



- STATION PLAZA

VERTICAL CIRCULATION

TICKETING / ENTRY HALL

PLATFORM

ANCILLARY SPACES

TPSS
- BUS LAYOVER

BUS PICK-UP / DROP OFF

PARATRANSIT

BICYCLE STORAGE

CONSTRUCTION STAGING / PARKING

- STATION AREA FOOTPRINT

SIGNALIZED INTERSECTION (EXISTING)

SIGNALIZED INTERSECTION (PROPOSED)

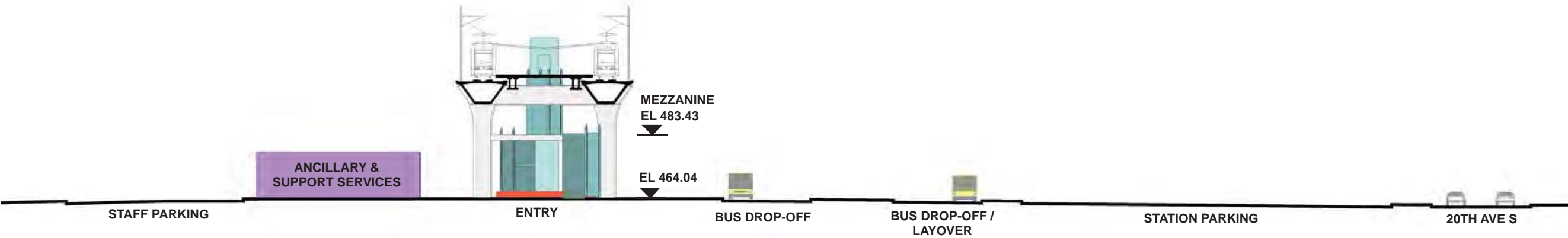
ASSUMPTIONS:

Federal Way SR 99 Station Option	
Alternative(s)	SR 99; I-5 to SR 99
Boardings	8,500
Station Configuration	
Terminus / In-Line	Terminus
Station Type	Center Platform - Elevated
Platform Width	34'
Tail track	900'
Crossover	Yes
TPSS	Yes
Program	
KC Metro Ancillary Spaces (SF)	200
ST Ancillary Spaces (SF)	1,800
Support Services (SF)	5,000
Total Ancillary Spaces (SF)	7,000
Vertical Circulation	
# of entrances	2
# of escalators	4
# of staircases (patron)	4
# of elevators	2
# of emergency stairs	2
Bus/ Paratransit Facilities	
Bus bays (KCM)	2 bays, one 60' coach each
Bus bays (ST)	1 bay, two 60' coaches
Rapid Ride	
Bus layover (KCM)	3 bays, one 40' coach each
Bus layover (ST)	1 bay, two 60' coaches
Paratransit spaces	3 spaces
Communications Facility	Tier 3
Parking & Amenities	
Bike storage	900 SF
Patron drop-off	6 spaces
Short-term patron parking	7 to 10 spaces
Staff parking	4 spaces
Support Services parking	15 spaces
Service/emerg. vehicle park.	2 spaces, separate lot
Signal bungalow / TPSS park.	2 spaces, dedicated
Existing patron parking	1,190 spaces
Additional patron parking	400 spaces
Total proposed patron parking	1590 spaces (structure)

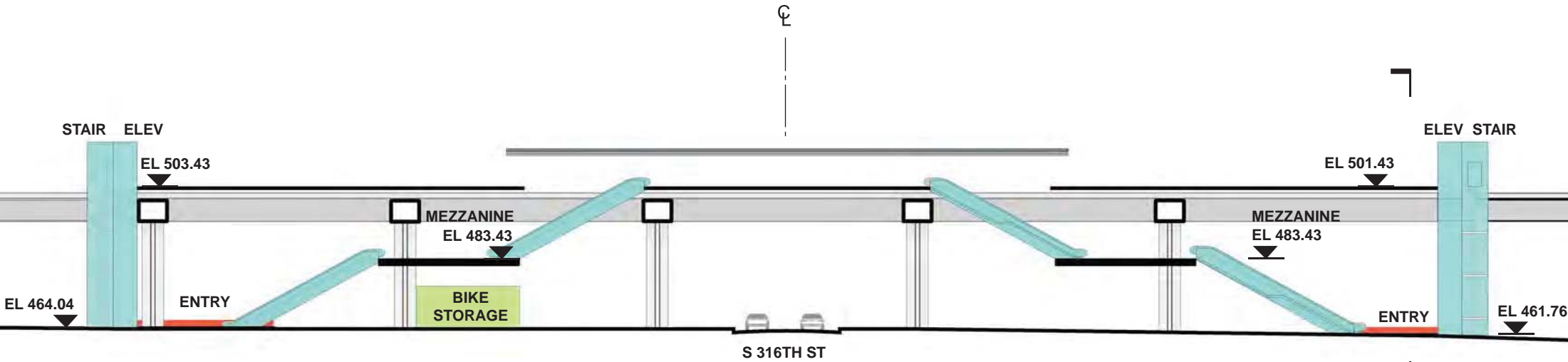








# SOUND TRANSIT FEDERAL WAY LINK EXTENSION

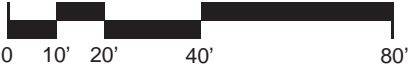


SECTION LOOKING SOUTH



SECTION LOOKING EAST

- |  |  |
|--|--|
|  STATION PLAZA          |  BUS LAYOVER                    |
|  VERTICAL CIRCULATION   |  BUS PICK-UP / DROP OFF         |
|  TICKETING / ENTRY HALL |  PARATRANSIT                    |
|  PLATFORM               |  BICYCLE STORAGE                |
|  ANCILLARY SPACES       |  CONSTRUCTION STAGING / PARKING |
|  TPSS                   |  |



DRAFT EIS - CONCEPTUAL DESIGN  
FEDERAL WAY SR 99 STATION OPTION  
SECTIONS

APRIL 2015

FWLE\_S99\_AX008  
93

7/17/2014 11:36:52 AM JHAMMERQUIST G:\BWA\PROJECTS\67612\FEDERAL WAY TRANSIT EXTENSION\2 CLIENT\2 DATA\INCOMING HDR\40717 UPDATED TITLEBLOCK\DES\_TTLB\KDWG



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